

NAVSEA
STANDARD ITEM

FY-05

ITEM NO: 009-32
DATE: 29 AUG 2003
CATEGORY: II

1. SCOPE:

1.1 Title: Cleaning and Painting Requirements; accomplish

2. REFERENCES:

2.1 Standard Items

2.2 S9086-VD-STM-010/020/030/CH-631, Volumes 1, 2 and 3, Preservation of Ships in Service

2.3 S9086-VG-STM-010/CH-634, Deck Coverings

2.4 ASTM F718, Shipbuilders and Marine Paints and Coatings
Product/Procedure Data Sheet

2.5 29 CFR 1915, Occupational Safety and Health Standards for Shipyard Employment, Subparts C and Z

2.6 Systems and Specifications, Steel Structures Painting Manual, Volume 2

2.7 NACE Book of Standards

2.8 ASTM D4417, Standard Test Methods for Field Measurement of Surface Profile of Blast Cleaned Steel

2.9 S9086-CN-STM-**020**/CH-79, Volume 2, Damage Control - Practical Damage Control

2.10 S9086-RK-STM-010/CH-505, Piping Systems

3. REQUIREMENTS:

3.1 Accomplish the requirements of 009-09 of 2.1 for coating system applications to areas listed in the following tables:

<u>TABLE</u>	<u>LINE</u>
One	All

<u>TABLE</u>	<u>LINE</u>
2	One through 12 and 16 through 23
3	12 through 38, 55, and 61 through 87
4	All

3.2 Provide a written notice to the SUPERVISOR and the Commanding Officer's designated representative of potential exposure of personnel to toxic or hazardous substances.

3.2.1 Post the notice at the ship's Quarterdeck or other designated location for each job or separate area at least four hours, but not more than 24 hours, prior to the start of work. The notice shall contain the following information:

3.2.1.1 Ship's name and hull number

3.2.1.2 Work Item number

3.2.1.3 Compartment or frame number

3.2.1.4 Identification of hazard

3.2.1.5 Date and time of work process

3.2.1.6 Identification of engineering and work practice controls

3.2.2 Deliver notification of work planned over a weekend or Monday following that weekend to the Commanding Officer's designated representative not later than 0900 on the Friday immediately preceding that weekend.

3.2.3 Deliver notification of work planned on a federal holiday and on the day following the federal holiday to the Commanding Officer's designated representative not later than 0900 on the last working day preceding the federal holiday.

3.3 Submit material certification of abrasive blast media conforming to MIL-A-22262 prior to blasting. The abrasive blast medium must be listed on the Qualified Products List (QPL) QPL 22262, or have written notification from NAVSEA indicating QPL approval to MIL-A-22262.

3.3.1 *Spongejet may be used with NAVSEA 05M concurrence.*

3.4 Record and maintain records in accordance with Section 11 of 2.2 and Paragraph 634-3.35 of 2.3, containing the required information on preservation of freeboard; hangar, flight, catapult, and vertical replenishment decks; chain lockers; rast track trough; interior surfaces of intake vent plenums, defined as combustion air intakes (gas turbine, diesel, and steam) and other vent system intake plenums with openings greater than 7 square feet; uptake spaces; tanks; voids; cofferdams; well deck overheads; bilges for steel and

aluminum substrates; underwater hull surfaces of the ship for all substrates, and including the following:

3.4.1 Surface preparation method, including name of abrasive and QPL 22262 revision number from which the product was purchased, or copy of NAVSEA product approval letter and surface profile readings. |

3.4.2 Ambient and metal surface temperatures, relative humidity, and dew point at 4-hour intervals, unless otherwise specified in 2.2 or 2.3 during preservation process. Information for environment shall be recorded from conditions on-site, in close proximity to the structure.

3.4.3 Name of paint/non-skid, manufacturer, batch number, and date of manufacture and expiration, ***including original manufacturer's certificate of compliance and material conformance test data in accordance with Section 11 of 2.2.***

3.4.4 Material safety data sheets and 2.4 for each proprietary coating used.

3.4.5 Surface conductivity.

3.4.6 Elapsed time between coats.

3.4.7 Dry film thickness (DFT) for the total system.

3.4.8 Name and type of spray equipment utilized.

3.4.9 Record temperature of paint and non-skid storage 24 hours in advance of use. Temperature shall be maintained within the limits specified in 2.2 and 2.3 and shall be recorded once per shift during the 24-hour period prior to use.

3.4.10 Submit one legible copy, in hard copy or electronic media, of recorded information on QA Checklist Forms 631-12.5 of 2.2 (see 4.8) and Figure 634-3-25 of 2.3 to the SUPERVISOR upon completion of each Work Item.

3.4.11 Submit one legible copy, in hard copy or electronic media, of the manufacturer's warranty documents to the SUPERVISOR when specified in the Job Order.

3.5 Consider marine coatings to contain heavy metals (e.g., lead, cadmium, or chromium), hexavalent chromium, crystalline silica and/or other toxic or hazardous substances.

3.5.1 Submit one legible copy, in hard copy or electronic media, of the laboratory analysis listing results of personnel monitoring to the SUPERVISOR within 10 working days of any such testing.

3.5.2 Submit one legible copy, in hard copy or electronic media, of a report when no personnel monitoring was conducted, which provides the basis

for such a decision not to engage in personnel monitoring **to the SUPERVISOR prior to the disturbance of coatings.**

(V)(G) or (I)(G) "ENVIRONMENTAL READINGS" (See 4.4)

3.6 Ambient and metal surface temperatures, relative humidity, and dew point at a minimum of four-hour intervals during painting process shall be recorded from conditions on-site, in close proximity to the structure being coated.

3.6.1 Coatings applied on areas listed in 3.4 shall be applied only when the temperature of the prepared substrate is greater than 50 degrees Fahrenheit and a minimum of 5 degrees Fahrenheit above the dew point.

3.6.1.1 Euronavy ES301, **International Interbond 998, Alocit 28.15, and all MIL-PRF-23236, Type VII, Class 17 products, are** exempt from dew point **and relative humidity** requirements of 3.6.1.

3.6.1.2 **The primer coat of Euronavy ES301K/L must be of an approved primer color in accordance with 2.4.**

(V)(G) or (I)(G) "CLEANLINESS" (See 4.4)

3.6.2 **Accomplish degreasing/cleaning to ensure removal of surface contaminants, such as sea salts, loose rust, mud, marine growth, grease, oil, and other petroleum products.**

3.6.2.1 **Accomplish degreasing/cleaning a maximum of 4 hours prior to surface preparation to ensure removal of surface contaminants.**

3.6.2.2 **If evidence of contamination exists, accomplish degreasing/cleaning a maximum of 4 hours prior to application of each coat of paint to ensure removal of surface contaminants.**

3.6.3 Accomplish the safety precautions as specified in 2.2, 2.5, and the Job Order during surface preparation and the application or removal of marine coatings.

3.6.4 Painters and coating inspectors shall be certified in accordance with Section 11 of 2.2.

3.6.5 **Blasters shall be certified in accordance with SSPC-C-7 of 2.6 (or NAVSEA 05M approved equivalent) and Section 11 of 2.2.**

3.6.6 Select the specific requirements of 2.2, 2.3, 2.6, and 2.7 listed in the application of Tables One through 5 of this item for determining the type of surface preparation required and coating system options that are available for use in accomplishing the work specified unless otherwise directed in the Work Item.

3.6.7 For non-skid coatings, surface preparation methods outlined in Paragraph 634-3.27 of 2.3 must be strictly followed.

3.6.7.1 Companies performing non-skid applications **greater than 5,000 square feet** shall be certified in accordance with QP-1 of 2.6.

3.6.8 Limit surfaces being prepared for preservation in size to an area which can be coated prior to the occurrence of flash rusting and/or oxidation. Remove any flash rust prior to painting, except as follows:

3.6.8.1 Surfaces cleaned by waterjetting shall meet the applicable Standard for flash rust.

3.6.8.2 Detergents and inhibitors shall not be used in the waterjetting water without written approval from the coating manufacturer and the SUPERVISOR.

3.6.9 **For steel and aluminum plates, shapes, and ferrous piping, abrasive blast equal to NACE 2/SSPC-SP-10 of 2.6 and 2.7, with a surface profile that meets the requirements of 3.6.17, and prime, prior to shipboard installations except in the areas where weld joints remain to be accomplished, or unless specified otherwise in the invoking Work Item.**

3.6.10 For disturbed and/or inaccessible areas, the minimum surface preparation shall be that shown in the applicable Tables, except that an SSPC-SP-11 is acceptable for areas originally requiring an NACE 2/SSPC-SP-10 or NACE 5/SSPC-SP-12.

3.6.10.1 Disturbed areas are defined as any surface that requires cleaning and/or painting due to existing paint finish being damaged in the accomplishment of work specified by the Job Order.

3.6.10.2 Closure plates/hull accesses and their associated welds will not be considered a disturbed surface and shall be cleaned and painted by the applicable table. Deviations to the requirements may be authorized by the SUPERVISOR based on size, location, application, or severity of condition of coating system being applied.

3.6.11 Feather edges of well-adhered paint remaining after cleaning **for all surface preparation methods.**

3.6.12 Clean, prior to painting, insulation and lagging free of foreign matter and contaminants that would prevent adherence of paint.

3.6.13 Clean **and dry** prepared and previously painted surfaces free of foreign matter which will affect adherence of paint coatings. Inclusions such as dust and debris in the paint film shall be removed prior to the application of the next coat.

3.6.14 Remove foreign matter and debris resulting from cleaning operations.

3.6.15 Record and restore existing painted labels, compartment designations, hull markings, and other painted information which will be removed or covered during cleaning and painting operations.

3.6.16 Install masking material for protection of equipment and items not to be painted during preservation. Shipboard items not to be painted are listed in Paragraphs 631-8.22 of 2.2.

(V)(G) or (I)(G) "SURFACE PROFILE" (See 4.4)

3.6.17 Following blasting or waterjetting operations, surface peak-to-valley profile must be checked. **Five profile readings shall be taken for the first 1,000 square feet (with a minimum of 5 profile readings taken); for each additional 1,000 square feet, 2 profile readings shall be taken. Each group of profile readings shall average 2 to 4 mils, with no reading less than one mil nor more than 5 mils.** If such profile is not present, **proper** profile must be established. **Profile readings** shall be taken in accordance with Method C of 2.8 **with the exception of averaging.**

3.6.17.1 When surface profile requirements of the manufacturer's instructions are greater than that specified in this item, they shall supersede this item.

3.6.17.2 Waterjetting will not establish a profile. If this method is employed and a profile does not exist or is insufficient to meet the requirements, the contractor will still be required to establish a profile.

3.6.17.3 Following power tool cleaning to SSPC-SP-11, surface profile shall be checked. Five profile readings shall be taken for the first 1,000 square feet (with a minimum of 5 profile readings taken); for each additional 1,000 square feet, 2 profile readings shall be taken.

(I)(G) "CONDUCTIVITY MEASUREMENT"

3.6.18 Accomplish conductivity measurements for the Tables and Lines listed in 3.1.

3.6.18.1 Accomplish surface conductivity checks using available field or laboratory test equipment on the freshly prepared surface. Five determinations shall be conducted every 1,000 square feet. Areas less than 1,000 square feet shall have five determinations made. For immersed applications, such as tanks and bilges, conductivity measurements shall not exceed 30 microsiemens/cm. For non-immersed applications, conductivity measurements shall not exceed 70 microsiemens/cm. **Samples shall be collected using the Soluble Salt Conductivity Measurement According to Bresle Method or approved equivalent.** If conductivity measurements exceed the respective values, water wash the affected areas with fresh water. Dry the affected areas and remove all standing water. Accomplish surface conductivity checks on affected areas. Repeat step until satisfactory levels are obtained.

3.6.18.2 Accomplish the requirements of 3.6.18 and 3.6.18.1 within 4 hours prior to application of each coat of paint, if evidence of contamination of the surface exists.

(V)(G) or (I)(G) "SURFACE PREPARATION" (See 4.4)

3.6.19 Verify surface preparation for the coating systems specified in Tables One through 5 in accordance with 2.2 through 2.4, 2.6, and 2.7.

3.7 Store paint in a cool, dry place, do not expose to freezing temperatures or direct sunlight, and in accordance with manufacturer's instructions. Storage of non-skid coatings shall be in accordance with Table 634-3-6 of 2.3.

3.8 Coating systems shall be applied in accordance with the applicable tables and 2.2. **Paints shall not be thinned.**

3.8.1 When using two-part coating systems (epoxies and polyurethanes), use of "partial kits" is prohibited unless using verified proportioning equipment or other verified measuring equipment (gravimetric).

3.8.2 For commercial underwater hull coating systems including anti-corrosive paints and anti-fouling paints, the manufacturer's primer must be used with his anti-fouling coating. No substitution is allowed.

3.8.2.1 Successive coats of anti-corrosive paints shall be of a contrasting color.

3.8.3 Utilize water-based latex fire retardant paints in preference to chlorinated alkyd based fire retardant paints. Such paints are available under MIL-PRF-24596 or a Naval Sea Systems Command (NAVSEA) approved product (Formula 25A). Accomplish the surface preparation and coating application requirements of 2.2 when using water-based paints.

3.8.4 Apply the first coat of MIL-P-15931 (Formulas 121/129) or MIL-PRF-24647 anti-fouling paint when the last coat of epoxy paint is still slightly tacky (approximately four to six hours after paint application) and in accordance with 2.4. Tacky is defined as that curing (drying) stage when a fingertip pressed lightly against the film leaves only a slight impression and none of the film sticks to the finger. If the epoxy is hard (usually eight hours after application), apply a tack coat of epoxy paint one to two mils wet film thickness (WFT) over previously painted surfaces. The tack coat shall be allowed to cure (dry) to when a fingertip pressed lightly against the film leaves only a slight impression and none of the film sticks to the finger, then apply the next full coat of the system.

3.8.5 Mix and apply the approved proprietary coatings in accordance with manufacturer's instructions, except for requirements when invoked for surface preparation and minimum DFT as specified in Tables One **through 5**. The requirements of 3.8.4 also apply to manufacturers' proprietary coatings.

3.8.6 Mix and apply the Navy Polyamide Epoxy MIL-DTL-24441 coatings in accordance with the following, except the DFT shall be as specified in Tables One **through 5**. The MIL-DTL-24441 coatings mixing ratio is one-to-one by volume. The components of the various formulas are not interchangeable. Blend each component thoroughly prior to mixing the components. After mixing equal volumes of the two components, the mixture must be thoroughly stirred. For Type III only, the stand-in times listed below must be observed.

3.8.6.1 Stand-in time (induction time) is defined as the time immediately following the mixing of the components A and B during which the critical reaction period of these components is initiated and is essential to the complete curing of the coating. During stand-in time the mixture must be thoroughly stirred at least once every 20 minutes to avoid hot spots caused by localized overheating from the chemical reaction.

Surface Temperature at Job Site (Degrees Fahrenheit)	Stand-In Time in Hours
35 to 50	2 hours at 70 degrees Fahrenheit (paint temperature)
50 to 60	2 hours at job site temperature
60 to 70	one hour to 1-1/2 hours at job site temperature
70 and Above	1/2 to one hour at job site temperature

(V)(G) or (I)(G) "STRIPE COAT INSPECTION" (See 4.4)

3.8.7 Apply stripe coat to edges, weld seams, welds of attachments and appendages, cutouts, corners, butts, foot/handholds (including inaccessible areas such as back side of piping, under side of I-beams), and other mounting hardware (non-flat surface) in accordance with 2.4. Stripe coat these areas after the prime coat has dried. Stripe coating applied shall be neat in appearance, minimizing extra thickness applied to edges as well as streaks and drops of paint. The stripe coat shall encompass all edges as well as at least a one-inch border outside each edge and weld.

3.8.7.1 Each stripe coat shall be of the specified paint system and shall be a different color from both the paint over which it is being applied and the next coat in the system (***if a product only comes in 2 colors, the stripe coat shall contrast with the color of the previous coat***). First coat inspection shall be conducted prior to stripe coat application.

3.8.8 Drying time between coats of specified coating for potable and feedwater tanks shall be a minimum of 48 hours at a minimum temperature of 70 degrees Fahrenheit, using heated air if necessary to maintain temperature. Ventilation shall be sufficient to ensure continuous flow of air through the tanks with at least one complete air change every four hours. Mixing and stand-in times (induction times) shall be in accordance with manufacturer's instructions.

3.8.9 Following coating applications, potable and feedwater tanks shall be continuously ventilated for at least seven consecutive days prior to filling with water. Maintain a temperature of 70 degrees Fahrenheit within the tanks. Ventilation shall ensure continuous flow of air with a minimum of one complete air change every four hours. Verify and document daily that ventilation is properly installed and running.

3.8.9.1 Freshly painted potable water tanks shall be rinsed at least twice with fresh water to ensure cleanliness of tank.

(I)(G) "INSPECT TANK"

3.8.9.2 Inspect tank for cleanliness and coating integrity.

3.9 Prior to application of any solvent-based alkyd coating, such as MIL-PRF-24635, over an epoxy coating, allow epoxy to dry **until it is no longer tacky** (as defined in 3.8.4). **It shall be dry to the touch but not fully cured** before overcoating with any solvent-based alkyd coating.

3.10 Prior to application of any water-based coating, such as MIL-PRF-24596, over an epoxy coating, allow epoxy to dry at least 16 hours before overcoating with any water-based coating.

3.11 Overcoating of MIL-DTL-24441 with MIL-DTL-24441:

3.11.1 If less than 7 days has elapsed since the application of the prior coat, the next coat may be applied after visual inspection to confirm the absence of grease, dirt, salts, or other surface contaminants. If surface contamination is suspected as a result of visual inspection or for other reasons, the entire surface shall be cleaned using a fresh water and detergent wash, followed by a fresh water rinse **sufficient to remove all detergent and contaminants**. The next coat of MIL-DTL-24441 shall be applied after surfaces are completely dried.

3.11.2 If more than 7 days but less than 30 days has elapsed since the application of the prior coat, the entire surface shall be cleaned using a fresh water and detergent wash followed by a fresh water rinse **sufficient to remove all detergent and contaminants**. Ensure the surface has fully dried, then apply a tack coat (one to 2 mils WFT) of the last coat applied or Formula 150. The tack coat shall be allowed to cure (dry) to when a fingertip pressed lightly against the film leaves only a slight impression and none of the film sticks to the finger, then apply the next full coat of the system. **This condition can only be met one time during the painting system application.**

3.11.3 If greater than 30 days has elapsed since the application of the prior coat, the entire surface shall be cleaned using a fresh water and detergent wash, followed by a fresh water rinse **sufficient to remove all detergent and contaminants**. After allowing the surface to dry, the surface shall be lightly abraded **to degloss the epoxy**, using a brush-off abrasive blast (preferred), power sanding, or hand sanding **using 80-120 grit**, then apply the next full coat of the system.

3.12 Overcoating of MIL-DTL-24441 with **any other** epoxy topcoats:

3.12.1 The non-MIL-DTL-24441 topcoat shall be applied before the MIL-DTL-24441 base coat has hardened (while still tacky as defined in 3.8.4).

3.12.1.1 If the MIL-DTL-24441 base coat has hardened but less than 30 days has elapsed, the entire surface shall be cleaned using a fresh water and detergent wash, followed by a fresh water rinse **sufficient to remove all detergent and contaminants**. Ensure the surface has fully dried, then apply a tack coat (one to 2 mils WFT) of the last coat applied or Formula 150. The tack coat shall be allowed to cure (dry) to when a fingertip pressed lightly against the film leaves only a slight impression and none of the film sticks to the finger, then apply the next full coat of the non-MIL-DTL-24441 system. ***This condition can only be met one time during the painting system application.***

3.12.1.2 If greater than 30 days has elapsed since the application of the prior coat, the entire surface shall be cleaned using a fresh water and detergent wash, followed by a fresh water rinse **sufficient to remove all detergent and contaminants**. After allowing the surface to dry, the surface shall be lightly abraded **to degloss the epoxy**, using a brush-off abrasive blast (preferred), power sanding, or hand sanding **using 80-120 grit**, then apply a full coat of MIL-DTL-24441. Let this coat dry to a tacky state as defined in 3.8.4, then apply the next full coat of the non-MIL-DTL-24441 system.

3.13 Overcoating of non-MIL-DTL-24441 epoxy coatings:

3.13.1 Follow the manufacturer's direction for the allowable overcoat window, not to exceed 30 days. The 30-day maximum may be extended beyond 30 days if specifically approved in writing by NAVSEA. Where the base coat and topcoat are provided from different manufacturers, the term "manufacturer" refers to the manufacturer of the base coat. ***A tack coat shall not restart the 30-day window.***

3.13.1.1 If either the manufacturer's recommendation or the 30-day window (or a specific extension approved by NAVSEA) has been exceeded, the coating shall be reactivated by either following the manufacturer's recommendation for re-activating the surface or cleaning the entire surface using a fresh water and detergent wash, followed by a fresh water rinse **sufficient to remove all detergent and contaminants**. After allowing the surface to dry, the surface shall be lightly abraded **to degloss the epoxy**, using a brush-off abrasive blast (preferred), power sanding, or hand sanding **using 80-120 grit**.

3.13.1.2 Apply the next full coat of the system, if used. If MIL-DTL-24441 is being used for the topcoat, apply one full coat of MIL-DTL-24441 Formula 150, let dry to a tacky state as defined in 3.8.4, then apply one full coat of MIL-DTL-24441 of the desired color.

3.13.2 Comply with the time requirements of 2.3 for application of non-skid over primer coat.

(V)(G) or (I)(G) "FILM THICKNESS" (See 4.4)

3.14 Measure DFT of each coat applied for the coating systems listed in Tables One through 5.

3.14.1 When measuring full coats, DFT readings shall not be taken in areas where stripe coatings have been applied.

3.14.2 DFT readings for each coat shall be taken in accordance with Method PA-2 of 2.6.

3.14.3 WFT readings are required in lieu of **DFT readings for any coat that must be in a tacky state (as defined in 3.8.4) when the next coat is applied.** Refer to film thickness conversion table in 2.6. WFT equals DFT divided by percent solids by volume (when percent solids by volume is expressed as a decimal, i.e., 60 percent equals 0.60).

3.14.4 For underwater hull paint systems, record a minimum of 30 DFT readings per 1,000 square feet. Baseline DFT readings of underwater hull paint system shall be taken after final coat is applied and Quality Assurance spot readings in accordance with 2.6 are completed.

3.14.5 Apply an additional coat of any single coat of a multiple coat system when that coat measures less than its specified DFT. Multiple coats shall be of contrasting color. DFT of each coat, including an additional coat if applied, shall not exceed the specified maximum thickness for each coat.

(I)(G) "HOLIDAY INSPECTION" |

3.15 Perform a visual holiday check on each coat of the system for areas listed in 3.4. Any holiday found shall be marked and touched up.

3.15.1 Remove masking material and paint overspray after cleaning and painting operations are completed.

4. NOTES:

4.1 Thicknesses specified in Tables One through 5 are DFT and are minimum requirements, unless otherwise specified.

4.2 Total DFT encountered during removal may exceed specified table thicknesses.

4.3 Total removal of ablative coating is not required in accordance with **Paragraph** 631-5.2.3.3 of 2.2. The Work Item will specify the degree of removal.

4.4 The paragraphs referencing this note are considered an (I)(G) if the inspection/test is on a critical surface as listed in 3.4. If the inspection/test is not on a critical surface as listed in 3.4, then the paragraph is considered a (V)(G).

4.5 Touch-up is defined within this Standard Item as preservation operations on cumulative surface areas less than one percent of the total area being preserved, with no individual area greater than 10 square feet. Included under touch-up operations are new and disturbed areas of less than 10 square feet. The requirements of 3.1, 3.4, 3.6, 3.6.2, 3.6.16, 3.6.17, 3.8.7, 3.14, and 3.15 are waived for these touch-up areas. Paragraph 3.6.18 (surface preparation) shall be verified by the accomplishing activity as (V) or (I) inspections prior to coating applications. This note shall not apply to potable or feedwater tanks.

4.6 The word "new" in "new and disturbed surfaces" refers to all material installed on the ship by the contractor regardless of source.

4.7 Structural requirements of Notes (23) and (24) will be addressed by the invoking Work Item.

4.8 QA Checklist Forms referred to in 3.4.10 are invoked by Advance Change Notice 7A to 2.2.

4.9 Preservation Process Instructions (PPIs) provide detailed instructions and procedures for specific ship preservation evolutions to include safety precautions, surface preparation, selection of appropriate coating systems, and third-party quality assurance check points. See new Section 12 of 2.2 for details. Section 12 is provided in ACN 5A (Control Number N00024-00-FJB25).

NOTES OF TABLES ONE THROUGH 5

(1) The following items apply to MIL-DTL-24441 coatings:

- a. MIL-DTL-24441 polyamide epoxy paints do not require thinning prior to application. If desired, the low temperature application properties can be improved by the addition of 10 percent by volume of one-to-one mixture of butyl alcohol and high flash naphtha or paint thinner TT-P-291. When sprayed without thinning at the recommended thickness, the paints have no tendency to sag. Apply a thinned mist coat of one to 2 mils WFT over existing paint.
- b. When MIL-DTL-24441 polyamide epoxy paints are used at a work site having temperatures below 50 degrees Fahrenheit, it is essential that the stand-in period be accomplished in a warm area (70 degrees Fahrenheit) to ensure that the coating will cure.
- c. Exterior side shell and underwater body painting at surface temperatures between 25 degrees Fahrenheit and 35 degrees Fahrenheit is not recommended, but can be approved by the SUPERVISOR provided the following conditions are met:
 - (1) Ambient temperature must be a minimum of 5 degrees Fahrenheit above the dew point.
 - (2) Hull surfaces must be absolutely dry and free of any signs of frost and ice.
 - (3) Drying time will be increased by four hours for a total of eight hours drying time per coat.
 - (4) No painting is allowed below surface temperature of 25 degrees Fahrenheit.
 - (5) Paint shall be stored at 70 degrees Fahrenheit for 24 hours before use.
- d. Painting shall not be accomplished unless surface is dry and surface temperature is at least 5 degrees Fahrenheit above the dew point.
- e. Approximate temperature of paint components in storage should be estimated in order to judge the amount of stand-in time to allow and the pot life that might be expected. The work site application temperature will greatly affect the time required for the paint to cure, and must be considered in estimating batch size, stand-in time, and cure time.

NOTES OF TABLES ONE THROUGH 5
(Con't)

- f. Paints should be sprayed using standard spray guns with applicable spray-pot pressures. The spray guns should be equipped with a middle-size (D) needle, nipple, and nozzle set-up. Both conventional and airless equipment is suitable for use with these paints.
 - g. Catalyzed paints should not be allowed to stand in the spray equipment for extended periods, especially in the sun (increasing temperature cures the paint more rapidly). The pot life of the paint mixture (Components A and B) is six hours at 73 degrees Fahrenheit.
 - h. Epoxy primers applied in the vicinity of abrasive blasting must be sheltered from airborne contaminants. Abrasive particles trapped in wet paint films are a source of premature blistering and film failure.
- (2) Boottop - The boottopping is defined as the black area from minimum load waterline at which the ship is expected to operate to 12 inches above the maximum load waterline. The black paint is an anti-fouling paint conforming to MIL-PRF-24647 for a **5-year, 7-year, or 10 to 12-year** service life, or MIL-P-15931 for 2-year service life. Haze gray shall be carried to the black anti-fouling paint which marks the upper boottop paint.
- (3) Ameron Amercoat 235 can be used for cold weather application below 40 degrees Fahrenheit. Apply at 5 mils DFT (minimum) per coat. **Do not apply coating below 35 degrees Fahrenheit without approval of the SUPERVISOR.**
- (4) Use International FCA 321 in lieu of FPA 327, or KHA414 in lieu of KHA062, for cold weather application below 50 degrees Fahrenheit. **Do not apply coating below 35 degrees Fahrenheit without approval of the SUPERVISOR.**
- (5) Use **Hempel** Hempadur 4514U in lieu of 4515 for cold weather applications below 50 degrees Fahrenheit. **Do not apply coating below 35 degrees Fahrenheit without approval of the SUPERVISOR.**
- (6) A minimum of 24 hours drying time shall be allowed after last coat prior to undocking.
- (7) To ensure a continuous primer base, areas adjacent to those being coated with proprietary primer and non-skid listed on QPL's for MIL-PRF-24667 shall be coated with the same primer and compatible topcoat.
- (8) These systems shall also be invoked for catapult wing voids and catapult exhaust blowdown trunks.

NOTES OF TABLES ONE THROUGH 5
(Con't)

- (9) DOD-E-24607, chlorinated alkyd, may also be used. MIL-PRF-24596, Type I, Grade C, Classes 1 and 2, or DOD-E-24607 must be used if surface and ambient temperature are less than 50 degrees Fahrenheit.
- (10) *Intentionally left blank.*
- (11) *Intentionally left blank.*
- (12) These systems may also be invoked for preservation of decks in spaces that are prone to wear and do not receive deck covering.
- (13) Anchors below lower boottopping limit shall be painted in accordance with normal underwater hull anti-corrosion/anti-fouling system.
- (14) For MCM, and MHC ships, use black walnut shells conforming to A-A-1722, Type II, for abrasive blast media. |
- (15) Anchor chain and detachable links shall be marked and color coated in accordance with NSTM Chapter 581 unless otherwise directed by the Work Item.
- (16) Apply one mist coat (1-2 mils) of Ameron PSX 700 after blast and prior to remaining coats where invoking Work Item requires anchor chain inspections prior to preservation.
- (17) Colors shown in Tables 631-8-13 and 631-8-14 of 2.2, shall be specified by TYCOM or ship's Commanding Officer in accordance with Chapter 631-8.23.4.
- (18) Restore each compartment marking in accordance with 2.9 and 2.10.
- (19) MIL-PRF-24667 non-skid systems shall be applied as complete systems (primer, intermediate coat when MIL-PRF-24667, Type III, coatings are invoked, non-skid, and color topping) from the same manufacturer except for the color topping. When a manufacturer does not have approved color topping, use another compatible manufacturer's color topping. MIL-PRF-24667, Type I, when required, shall be specified in the invoking Work Item. Boundaries of areas receiving non-skid not specified by specific ship's drawings shall be in accordance with 2.3.
- (20) Prior to accomplishing painting of wooden underwater hulls, allow the hull to dry to a moisture content of 15 percent. Readings shall be taken with an electronic moisture meter, Sovereign Moisture Master or equal. Cover grounding plates and zincs prior to painting.
- (21) Blasted surface metal must be degreased following walnut shell blasting. Even traces of residual oil will degrade coating adhesion. Appropriate | safety precautions for working with flammable solvents must be enforced.

NOTES OF TABLES ONE THROUGH 5
(Con't)

Alternate procedure is a vigorous soap and water wash followed by pressurized fresh water rinse. Do not use a detergent and fresh water washdown when using aluminum oxide as an abrasive blast medium.

- (22) ***Intentionally left blank.***
- (23) For non-edge retentive coatings, radiusing of edges is recommended to ensure maximum service life. If edges are not radiused, the service life could be substantially reduced.
- (24) Deburring and grinding of weld spatter is recommended to ensure maximum service life. If weld spatter is not removed, the service life of the coating could be substantially reduced.
- (25) Power impact tool cleaning using power-driven needle guns, chipping or scaling hammers, rotary scalers, single or multiple-piston scalers, or other similar impact cleaning tools shall not be utilized in the cleaning methods.
- (26) ***M***aintain the relative humidity in the tank or void space at a maximum of 50 percent from the start of abrasive blasting to cure of the topcoat.
- (27) Finish coats for boats and craft shall be as specified in Paragraph 631-9.3.4 through 631-9.3.5 of 2.2 unless otherwise specified in the invoking Work Item.
- (28) Thermal insulation shall be soap and water cleaned and hand sanded.
- (29) Three coats of MIL-DTL-24441, Type III, at 3-4 mils per coat can be substituted for 2 coats of MIL-DTL-24441, Type IV, at 4-6 mils per coat, for total system DFT of 8-12 mils. ***Three full coats and 2 stripe coats of MIL-DTL-24441, Type III, at 3-4 mils per coat can be substituted for 2 full coats and 1 stripe coat of MIL-DTL-24441, Type IV, at 4-6 mils per coat, for total system DFT of 8-12 mils.***
- (30) Grit blasting to near white metal is the preferred method of surface preparation. Only where grit blasting is not possible should power tool cleaning be used. Power tool cleaning should not be used for well deck areas frequently exposed to LCAC exhaust.
- (31) A low pressure (3,000 to 5,000 psi) fresh water washdown of the well deck area shall be performed before either grit blasting or power tool cleaning to remove dirt, oil, grease, salts, and loosely adherent coatings.
- (32) Upon completion of surface preparation, pH measurements must be taken. The pH must be in the range of 6.5 to 7.5. If it is not, the surface must be washed with fresh water until the required pH is obtained.

NOTES OF TABLES ONE THROUGH 5
(Con't)

- (33) Runs, sags, and drips may appear in the coating due to its solvent-free nature and application properties. In the normal application of this product, the appearance of runs, sags, and drips is only superficial and is not detrimental to the coating system. In these cases, no action shall be taken. In cases where the conditions are determined to be detrimental (coating in excess of 50 mils DFT) to the effectiveness of the coating system, immediate action shall be taken. If the wet run, sag, or drip occurs on a dry surface, brush out the run, sag, or drip and reapply the prime coat directly over the brushed out area. If the run, sag, or drip has dried, then the affected area shall be scraped or mechanically removed and the prime coat shall be reapplied.
- (34) These systems may also be invoked for preservation of well deck bulkheads and decks.
- (35) These systems shall also be invoked for barricade stanchions and wells, catapult jet blast deflector pits, **Aircraft Electrical Servicing Station (AESS) trunks**, and associated void spaces.
- (36) Install vermiculite based anti-sweat treatment in accordance with Paragraph 631-7.8.3 and 631-7.8.4 of 2.2.
- (37) Total DFT specified in Table 4 for potable water tanks shall not be exceeded except in isolated areas adjacent to shapes and stiffeners. In no case shall the maximum DFT be exceeded by two mils. The isolated areas shall be less than two percent of the total area.
 - a. For touch-up or overcoating intact aged paint in good condition, the same requirements for each coat apply, and the total film thickness maximum requirement may be corrected to allow for thickness of underlying aged paint. Requirement is to avoid excess thickness in individual coats. High DFT resulting from the application of extra coats of paint is not considered to be a problem below 35 mils total DFT.
- (38) **Intentionally left blank.**
- (39) **Ameron Amercoat 892HS shall not be used for surfaces that exceed 700 degrees Fahrenheit.**
- (40) Avoid excessive power wire brushing that results in a polished surface.
- (41) Apply three coats of a vapor barrier coating compound, MIL-PRF-19565, in contrasting colors (white-orange-white), to insulation within laundries, sculleries, galleys, drying rooms, and to insulation on the warm side of refrigerated stores spaces.

NOTES OF TABLES ONE THROUGH 5
(Con't)

- (42) High temperature areas **of exhaust pipe exteriors include** BLISS caps, air eductors, and exhaust stacks. |
- (43) In lieu of white, use Light Gray, Color No. 26373 (Low Solar Absorption only). In lieu of black, use Ocean Gray, Color No. 26173 (Low Solar Absorption only).
- (44) ***Intentionally left blank.***
- (45) PCMS tile on the bow flares shall be painted with the same topcoat as the freeboard.
- (46) ***Intentionally left blank.***
- (47) The topcoats for ordnance/non-ordnance pyrotechnic locker sun shields shall be painted white (FED STD 595, Color No. 17875).

TABLE ONE STEEL SURFACES	LINE	A SURFACE PREPARATION	B PRIMER	C	D	E KEEL TO BOTTOM OF BOOTTOP	F BOOTTOP	G DRAFT MARKS
UNDERWATER HULL (KEEL TO BOOTTOP, INCLUDING PROPULSION SHAFT OUTBOARD BEARING VOIDS) 2 YEARS OR LESS SERVICE LIFE FOR SMALL BOATS AND SERVICE CRAFT ONLY	1	NEAR WHITE METAL BLAST, NACE 2/SSPC-SP-10 - OR - WATERJETTING TO NACE 5/SSPC-SP-12 CONDITION WJ-2/L	ONE COAT F-150, MIL-DTL-24441, TYPE IV, 4-6 MILLS DFT	ONE COAT F-154, MIL-DTL-24441, TYPE IV, 4-6 MILLS DFT		2 COATS F-121A, 2 MILS/COAT, 4 MILS MIN TOTAL MIL-P-15931	2 COATS F-129A, 2 MILS/COAT, 4 MILS MIN TOTAL MIL-P-15931	ONE COAT MIL-PRF-24635 LT GRAY, COLOR NO. 26373 (LOW SOLAR ABSORPTION ONLY) TO BOOTTOPPING & BELOW, 3 MILS ONE COAT COLOR NO. 26173 (FED STD 595) MIL-PRF-24635 OCEAN GRAY (LOW SOLAR ABSORPTION ONLY) ABOVE BOOTTOPPING, 3 MILS
			SEE NOTES (1) & (29)	SEE NOTES (1) & (29)		SEE NOTES (2), (6), & (27)	SEE NOTES (2), (6), & (27)	
	2	SAME AS LINE ONE	ONE COAT AMERON AMERCOAT 385, 4-6 MILS SEE NOTE (3)	ONE COAT AMERON AMERCOAT 385, 4-6 MILS SEE NOTE (3)		SAME AS LINE ONE	SAME AS LINE ONE	SAME AS LINE ONE
	3	SAME AS LINE ONE	ONE COAT INTERNATIONAL FPL 274/FPA 327 RED, 5 MILS SEE NOTE (4)	ONE COAT INTERNATIONAL INTERGARD 264-FPJ 034/FPA 327 GRAY, 5 MILS SEE NOTE (4)		SAME AS LINE ONE	SAME AS LINE ONE	SAME AS LINE ONE
	4	SAME AS LINE ONE	ONE COAT INTERNATIONAL INTERTUF 262- KHA303/KHA062 RED, 5 MILS SEE NOTE (4)	ONE COAT INTERNATIONAL INTERTUF 262-KHA302/KHA062 GRAY, 5 MILS SEE NOTE (4)		SAME AS LINE ONE	SAME AS LINE ONE	SAME AS LINE ONE
	5	SAME AS LINE ONE	ONE COAT AMERON AMERCOAT 235 RED, 5 MILS SEE NOTE (3)	ONE COAT AMERON AMERCOAT 235 GRAY, 5 MILS SEE NOTE (3)		SAME AS LINE ONE	SAME AS LINE ONE	SAME AS LINE ONE
	6	SAME AS LINE ONE	ONE COAT AMERON AMERCOAT 230 RED, 5 MILS SEE NOTE (3)	ONE COAT AMERON AMERCOAT 230 GRAY, 5 MILS SEE NOTE (3)		SAME AS LINE ONE	SAME AS LINE ONE	SAME AS LINE ONE
	7	SAME AS LINE ONE	ONE COAT SHERWIN WILLIAMS SEAGUARD MARINE P23RQ82/P23VQ80, 5 MILS	ONE COAT SHERWIN WILLIAMS SEAGUARD MARINE P23AQ81/P23VQ80, 5 MILS		SAME AS LINE ONE - OR - 2 COATS SHERWIN WILLIAMS SEAGUARD MARINE N50R100, 2 MILS/COAT, 4 MILS MIN TOTAL SEE NOTES (2) & (6)	SAME AS LINE ONE - OR - 2 COATS SHERWIN WILLIAMS SEAGUARD MARINE N50B100, 2 MILS/COAT, 4 MILS MIN TOTAL SEE NOTE (2) & (6)	SAME AS LINE ONE
	8	SAME AS LINE ONE	ONE COAT INTERNATIONAL FPL 274/FPA327 RED, 5 MILS SEE NOTE (4)	ONE COAT INTERNATIONAL INTERGARD 264-FPJ 034/FPA 327 GRAY, 5 MILS SEE NOTE (4)		ONE COAT INTERSLEEK 381 LIGHT PINK, BXA380/BXA381, 3-5 MILS DFT - & - ONE COAT INTERSLEEK 425 HAZE GRAY, BXA816/BXA821/BXA822 OR BLACK, BXA819/BXA821/BXA822, 5-7 MILS DFT SEE NOTES (2) & (6)	SAME AS LINE ONE	SAME AS LINE ONE

TABLE ONE STEEL SURFACES	LINE	A SURFACE PREPARATION	B PRIMER	C	D	E KEEL TO BOTTOM OF BOOTTOP	F BOOTTOP	G DRAFT MARKS
UNDERWATER HULL (KEEL TO BOOTTOP, INCLUDING PROPULSION SHAFT OUTBOARD BEARING VOIDS) 5 YEARS SERVICE LIFE	9	SAME AS LINE ONE	ONE COAT INTERNATIONAL FPL 274/FPA 327 RED, 5 MILS	ONE COAT INTERNATIONAL INTERGARD 264-FPJ 034/FPA 327 GRAY, 5 MILS		ONE COAT INTERNATIONAL BRA 642 BLACK, ONE COAT BRA 640 RED (MIL-PRF-24647), 5 MILS/COAT	2 COATS INTERNATIONAL BRA 642 BLACK (MIL-PRF-24647), 5 MILS/COAT	SAME AS LINE ONE
			SEE NOTE (4)	SEE NOTE (4)		SEE NOTES (2) & (6)	SEE NOTES (2) & (6)	
	10	SAME AS LINE ONE	ONE COAT INTERNATIONAL INTERTUF 262-KHA303/KHA062 RED, 5 MILS	ONE COAT INTERNATIONAL INTERTUF 262-KHA302/KHA062 GRAY, 5 MILS		ONE COAT INTERNATIONAL BRA 642 BLACK, ONE COAT BRA 640 RED (MIL-PRF-24647), 5 MILS/COAT	2 COATS INTERNATIONAL BRA 642 BLACK (MIL-PRF-24647), 5 MILS	SAME AS LINE ONE
			SEE NOTE (4)	SEE NOTE (4)		SEE NOTES (2) & (6)	SEE NOTES (2) & (6)	
	11	SAME AS LINE ONE	ONE COAT AMERON AMERCOAT 235 RED, 5 MILS	ONE COAT AMERON AMERCOAT 235 GRAY, 5 MILS		ONE COAT AMERON ABC 3 BLACK, ONE COAT AMERON ABC 3 RED (MIL-PRF-24647), 5 MILS/COAT	2 COATS AMERON ABC 3 BLACK (MIL-PRF-24647), 5 MILS/COAT	SAME AS LINE ONE
			SEE NOTE (3)	SEE NOTE (3)		SEE NOTES (2) & (6)	SEE NOTES (2) & (6)	
	12	SAME AS LINE ONE	ONE COAT AMERON AMERCOAT 230 RED, 5 MILS	ONE COAT AMERON AMERCOAT 230 GRAY, 5 MILS		ONE COAT AMERON ABC 3 BLACK, ONE COAT AMERON ABC 3 RED (MIL-PRF-24647), 5 MILS/COAT	2 COATS AMERON ABC 3 BLACK (MIL-PRF-24647), 5 MILS/COAT	SAME AS LINE ONE
			SEE NOTE (3)	SEE NOTE (3)		SEE NOTES (2) & (6)	SEE NOTES (2) & (6)	
	13	SAME AS LINE ONE	ONE COAT HEMPEL HEMPADUR 45150-50630 RED, 5 MILS	ONE COAT HEMPEL HEMPADUR 45150-11480 GRAY, 5 MILS		ONE COAT HEMPEL OLYMPIC 76600-19990 BLACK (MIL-PRF-24647), ONE COAT OLYMPIC 76600-51110 RED (MIL-PRF-24647), 5 MILS/COAT	2 COATS HEMPEL OLYMPIC 76600-19990 BLACK, (MIL-PRF-24647), 5 MILS/COAT	SAME AS LINE ONE
			SEE NOTE (5)	SEE NOTE (5)		SEE NOTES (2) & (6)	SEE NOTES (2) & (6)	
	14	SAME AS LINE ONE	ONE COAT SHERWIN WILLIAMS SEAGUARD MARINE P23RQ82/P23VQ80, 5 MILS	ONE COAT SHERWIN WILLIAMS SEAGUARD MARINE P23AQ81/P23VQ80, 5 MILS		ONE COAT SHERWIN WILLIAMS SEAGUARD MARINE P30BQ12 - & - ONE COAT SHERWIN WILLIAMS SEAGUARD MARINE P30RQ10, (MIL-PRF-24647), 5 MILS/COAT	2 COATS SHERWIN WILLIAMS SEAGUARD MARINE P30BQ12 (MIL-PRF-24647), 5 MILS/COAT	SAME AS LINE ONE
						SEE NOTES (2) & (6)	SEE NOTES (2) & (6)	
	15	SAME AS LINE ONE	ONE COAT INTERNATIONAL FPL 274/FPA 327 RED, 5 MILS	ONE COAT INTERNATIONAL INTERGARD 264-FPJ 034/FPA 327 GRAY, 5 MILS		ONE COAT INTERSLEEK 381 LIGHT PINK, BXA380/BXA381, 3-5 MILS DFT - & - ONE COAT INTERSLEEK 425 HAZE GRAY, BXA816/BXA821/BXA822 OR BLACK, BXA819/BXA821/BXA822, 5-7 MILS DFT SEE NOTES (2) & (6)		

TABLE ONE STEEL SURFACES	LINE	A SURFACE PREPARATION	B PRIMER	C	D	E KEEL TO BOTTOM OF BOOTTOP	F BOOTTOP	G DRAFT MARKS
UNDERWATER HULL (KEEL TO BOOTTOP, INCLUDING PROPULSION SHAFT OUTBOARD BEARING VOIDS) 7 YEARS SERVICE LIFE	16	SAME AS LINE ONE	ONE COAT INTERNATIONAL FPL 274/FPA 327 RED, 5 MILS SEE NOTE (4)	ONE COAT INTERNATIONAL INTERGARD 264-FPJ 034/FPA 327 GRAY, 5 MILS SEE NOTE (4)		ONE COAT INTERNATIONAL BRA 642 BLACK, ONE COAT BRA 640 RED, (MIL-PRF-24647), 6 MILS/COAT SEE NOTES (2) & (6)	2 COATS INTERNATIONAL BRA 642 BLACK, (MIL-PRF-24647), 6 MILS/COAT SEE NOTES (2) & (6)	SAME AS LINE ONE
	17	SAME AS LINE ONE	ONE COAT INTERNATIONAL INTERTUF 262-KHA303/KHA062 RED, 5 MILS SEE NOTE (4)	ONE COAT INTERNATIONAL INTERTUF 262-KHA302/KHA062 GRAY, 5 MILS SEE NOTE (4)		ONE COAT INTERNATIONAL BRA 642 BLACK, ONE COAT BRA 640 RED (MIL-PRF-24647), 6 MILS/COAT SEE NOTES (2) & (6)	2 COATS INTERNATIONAL BRA 642 BLACK, (MIL-PRF-24647), 6 MILS/COAT SEE NOTES (2) & (6)	SAME AS LINE ONE
	18	SAME AS LINE ONE	ONE COAT AMERON AMERCOAT 235 RED, 5 MILS SEE NOTE (3)	ONE COAT AMERON AMERCOAT 235 GRAY, 5 MILS SEE NOTE (3)		ONE COAT AMERON ABC 3 BLACK, ONE COAT AMERON ABC 3 RED (MIL-PRF-24647), 6 MILS/COAT SEE NOTES (2) & (6)	2 COATS AMERON ABC 3 BLACK (MIL-PRF-24647), 6 MILS/COAT SEE NOTES (2) & (6)	SAME AS LINE ONE
	19	SAME AS LINE ONE	ONE COAT AMERON AMERCOAT 230 RED, 5 MILS SEE NOTE (3)	ONE COAT AMERON AMERCOAT 230 GRAY, 5 MILS SEE NOTE (3)		ONE COAT AMERON ABC 3 BLACK, ONE COAT AMERON ABC 3 RED (MIL-PRF-24647), 6 MILS/COAT SEE NOTES (2) & (6)	2 COATS AMERON ABC 3 BLACK (MIL-PRF-24647), 6 MILS/COAT SEE NOTES (2) & (6)	SAME AS LINE ONE
	20	SAME AS LINE ONE	ONE COAT HEMPEL HEMPADUR 4150-50630 RED, 5 MILS SEE NOTE (5)	ONE COAT HEMPEL HEMPADUR 45150-11480 GRAY, 5 MILS SEE NOTE (5)		ONE COAT HEMPEL OLYMPIC 76600-19990 BLACK (MIL-PRF-24647), ONE COAT OLYMPIC 76600-51110 RED (MIL-PRF-24647), 6 MILS/COAT SEE NOTES (2) & (6)	2 COATS HEMPEL OLYMPIC 76600-19990 BLACK, (MIL-PRF-24647), 6 MILS/COAT SEE NOTES (2) & (6)	SAME AS LINE ONE
	21	SAME AS LINE ONE	ONE COAT SHERWIN WILLIAMS SEAGUARD MARINE P23RQ82/P23VQ80, 5 MILS	ONE COAT SHERWIN WILLIAMS SEAGUARD MARINE P23AQ81/P23VQ80, 5 MILS		ONE COAT SHERWIN WILLIAMS SEAGUARD MARINE P30BQ12 - & - ONE COAT SHERWIN WILLIAMS SEAGUARD MARINE P30RQ10 (MIL-PRF-24647), 6 MILS/COAT SEE NOTES (2) & (6)		

TABLE ONE STEEL SURFACES	LINE	A SURFACE PREPARATION	B PRIMER	C	D	E KEEL TO BOTTOM OF BOOTTOP	F BOOTTOP	G DRAFT MARKS
UNDERWATER HULL (KEEL TO BOOTTOP, INCLUDING PROPULSION SHAFT OUTBOARD BEARING VOIDS) 10 to 12 YEARS SERVICE LIFE	22	SAME AS LINE ONE	ONE COAT INTERNATIONAL FPL 274/FPA 327 RED, 5 MILS SEE NOTE (4)	ONE COAT INTERNATIONAL INTERGARD 264-FPJ 034/FPA 327 GRAY, 5 MILS SEE NOTE (4)		ONE COAT INTERNATIONAL BRA 640 RED, ONE COAT BRA 642 BLACK, ONE COAT BRA 640 RED (MIL-PRF- 24647), 6 MILS/COAT SEE NOTES (2) & (6)	3 COATS INTERNATIONAL BRA 642 BLACK (MIL-PRF-24647), 6 MILS/COAT SEE NOTES (2) & (6)	SAME AS LINE ONE
	23	SAME AS LINE ONE	ONE COAT INTERNATIONAL INTERTUF 262-KHA303/KHA062 RED, 5 MILS SEE NOTE (4)	ONE COAT INTERNATIONAL INTERTUF 262-KHA302/KHA062 GRAY, 5 MILS SEE NOTE (4)		ONE COAT INTERNATIONAL BRA 640 RED, ONE COAT BRA 642 BLACK, ONE COAT BRA 640 RED (MIL-PRF-24647), 6 MILS/COAT SEE NOTES (2) & (6)	3 COATS INTERNATIONAL BRA 642 BLACK (MIL-PRF-24647), 6 MILS/COAT SEE NOTES (2) & (6)	SAME AS LINE ONE
	24	SAME AS LINE ONE	ONE COAT AMERON AMERCOAT 235 RED, 5 MILS SEE NOTE (3)	ONE COAT AMERON AMERCOAT 235 GRAY, 5 MILS SEE NOTE (3)		ONE COAT AMERON ABC 3 RED, ONE COAT AMERON ABC 3 BLACK, ONE COAT AMERON ABC 3 RED (MIL-PRF-24647), 6 MILS/COAT SEE NOTES (2) & (6)	3 COATS AMERON ABC 3 BLACK (MIL-PRF-24647), 6 MILS/COAT SEE NOTES (2) & (6)	SAME AS LINE ONE
	25	SAME AS LINE ONE	ONE COAT AMERON AMERCOAT 230 RED, 5 MILS SEE NOTE (3)	ONE COAT AMERON AMERCOAT 230 GRAY, 5 MILS SEE NOTE (3)		ONE COAT AMERON ABC 3 RED, ONE COAT AMERON ABC 3 BLACK, ONE COAT AMERON ABC 3 RED (MIL-PRF-24647), 6 MILS/COAT SEE NOTES (2) & (6)	3 COATS AMERON ABC 3 BLACK (MIL-PRF-24647), 6 MILS/COAT SEE NOTES (2) & (6)	SAME AS LINE ONE
	26	SAME AS LINE ONE	ONE COAT HEMPEL HEMPADUR 45150-50630 RED, 5 MILS SEE NOTE (5)	ONE COAT HEMPEL HEMPADUR 45150-11480 GRAY, 5 MILS SEE NOTE (5)		ONE COAT HEMPEL OLYMPIC 76600-51110 RED (MIL-PRF-24647), ONE COAT OLYMPIC 76600-19990 BLACK (MIL-PRF-24647), ONE COAT OLYMPIC 76600-51110 RED (MIL-PRF-24647), 6 MILS/COAT SEE NOTES (2) & (6)	3 COATS HEMPEL OLYMPIC 76600-19990 BLACK (MIL-PRF-24647), 6 MILS/COAT SEE NOTES (2) & (6)	SAME AS LINE ONE
	27	SAME AS LINE ONE	ONE COAT SHERWIN WILLIAMS SEAGUARD MARINE P23RQ82/P23VQ80, 5 MILS	ONE COAT SHERWIN WILLIAMS SEAGUARD MARINE P23AQ81/P23VQ80, 5 MILS		ONE COAT SHERWIN WILLIAMS SEAGUARD MARINE P30RQ10, ONE COAT SHERWIN WILLIAMS SEAGUARD MARINE P30BQ12 - & - ONE COAT SHERWIN WILLIAMS SEAGUARD MARINE P30RQ10 (MIL-PRF-24647), 6 MILS/COAT SEE NOTES (2) & (6)	3 COATS SHERWIN WILLIAMS SEAGUARD MARINE P30BQ12 (MIL-PRF-24647), 6 MILS/COAT SEE NOTES (2) & (6)	SAME AS LINE ONE

TABLE ONE STEEL SURFACES	LINE	A SURFACE PREPARATION	B PRIMER	C	D	E KEEL TO BOTTOM OF BOOTTOP	F BOOTTOP	G DRAFT MARKS
UNDERWATER HULL (STRUTS, RUDDERS, & OTHER CAVITATION PRONE AREAS)	28	SAME AS LINE ONE	ONE COAT F-150, MIL-DTL-24441, TYPE IV, 4-6 MILS DFT SEE NOTES (1) & (29)	ONE COAT F154, MIL-DTL-14441, TYPE IV, 4-6 MILS DFT SEE NOTES (1) & (29)	4 COATS 3M CO. NO. EC-2216, ONE COAT, 6 MILS WFT/COAT (4.2 MILS DFT/COAT), 3 COATS, 8 MILS WFT/COAT (5-6 MILS DFT/COAT)	ANTIFOULING PAINT SAME AS SURROUNDING HULL SEE NOTES (2) & (6)		
	29	SAME AS LINE ONE	ONE COAT AMERON AMERCOAT 235 RED, 3-4 MILS SEE NOTE (3)	ONE COAT AMERON AMERCOAT 235 GRAY, 5 MILS SEE NOTE (3)	SAME AS LINE 28	SAME AS LINE 28		
	30	SAME AS LINE ONE	ONE COAT AMERON AMERCOAT 230 RED, 3-4 MILS SEE NOTE (3)	ONE COAT AMERON AMERCOAT 230 GRAY, 5 MILS SEE NOTE (3)	SAME AS LINE 28	SAME AS LINE 28		
	31	SAME AS LINE ONE	ONE COAT INTERNATIONAL FPL 274/FPA 327, 3-4 MILS SEE NOTE (4)	ONE COAT INTERNATIONAL INTERGARD 264-FPJ 034/FPA 327, 5 MILS SEE NOTE (4)	SAME AS LINE 28	SAME AS LINE 28		
	32	SAME AS LINE ONE	ONE COAT INTERNATIONAL INTERTUF 262- KHA303/KHA062 RED, 3-4 MILS SEE NOTE (4)	ONE COAT INTERNATIONAL INTERTUF 262- KHA302/KHA062 GRAY, 5 MILS SEE NOTE (5)	SAME AS LINE 28	SAME AS LINE 28		
	33	SAME AS LINE ONE	ONE COAT HEMPEL HEMPADUR 45150-50630 RED, 3-4 MILS SEE NOTE (5)	ONE COAT HEMPEL HEMPADUR 45150-11480 GRAY, 5 MILS SEE NOTE (5)	SAME AS LINE 28	SAME AS LINE 28		
	34	SAME AS LINE ONE	ONE COAT SHERWIN WILLIAMS SEAGUARD MARINE P23RQ82/P23VQ80, 3-4 MILS	ONE COAT SHERWIN WILLIAMS SEAGUARD MARINE P23AQ81/P23VQ80, 5 MILS	SAME AS LINE 28	SAME AS LINE 28		

TABLE ONE ALUMINUM SURFACES	LINE	A SURFACE PREPARATION	B PRIMER	C	D	E KEEL TO BOTTOM OF BOOTTOP	F BOOTTOP	G DRAFT MARKS
UNDERWATER HULL (KEEL TO BOOTTOP, INCLUDING PROPULSION SHAFT OUTBOARD BEARING VOIDS)	35	NEAR WHITE METAL BLAST USING GARNET OR ALUMINUM OXIDE, MIL-A-21380, TYPE ONE OR MIL-A-22262 - OR - WATERJETTING TO NACE 5/SSPC-SP-12 CONDITION WJ-2/L	ONE COAT INTERNATIONAL FPL 274/FPA 327 RED, 5 MILS, WITHIN 4 HOURS AFTER SURFACE PREPARATION SEE NOTE (4)	ONE COAT INTERNATIONAL INTERGARD 264-FPJ 034/FPA 327 GRAY, 5 MILS SEE NOTE (4)	ONE COAT INTERNATIONAL BXA 380/BXA 381 DARK GRAY, 3-5 MILS	ONE COAT INTERNATIONAL BXA 816/BXA 821/BXA 822 GRAY, 6 MILS TOTAL SEE NOTES (2) & (6)	ONE COAT INTERNATIONAL BXA 816/BXA 821/BXA 822 GRAY, 6 MILS TOTAL SEE NOTES (2) & (6)	ONE COAT INTERNATIONAL BXA 819/BXA 821/BXA 822 BLACK, 3-5 MILS
	36	TOUCH-UP OR REMOVE PAINT SYSTEM TO SOUND PRIMER BY LIGHT ABRASIVE BLASTING WITH BLACK WALNUT SHELLS CONFORMING TO A-A-1722, TYPE 2 - & - SPOT CLEAN, CHAP 631, PARA 631-5.2.4.3 SEE NOTE (21)	FOR TOUCH-UP, OR FOLLOWING PAINT REMOVAL TO SOUND PRIMER, USE APPROPRIATE PAINT SYSTEM FROM LINE ONE					SAME AS LINE 35
UNDERWATER HULL (KEEL TO BOOTTOP, INCLUDING PROPULSION SHAFT OUTBOARD BEARING VOIDS) APPLIES TO PHM'S ONLY	37	ABRASIVE BLASTING WITH ALUMINUM OXIDE, MIL-A-21380, TYPE ONE, OR BLACK WALNUT SHELLS CONFORMING TO A-A-1722, TYPE 2, TO SOUND PRIMER SEE NOTE (21)	FOR TOUCH-UP, OR FOLLOWING PAINT REMOVAL TO SOUND PRIMER, USE APPROPRIATE PAINT SYSTEM FROM LINE ONE					SAME AS LINE 35
UNDERWATER HULL (STRUTS, RUDDERS & OTHER CAVITATION PRONE AREAS)	38	SAME AS LINE 35	ONE COAT MIL-DTL-24441, TYPE IV, F-150, 4-6 MILS DFT, WITHIN 4 HOURS AFTER SURFACE PREPARATION SEE NOTE (1)	4 COATS 3M CO. NO. EC-2216, ONE COAT, 6 MILS WFT/COAT (4.2 MILS DFT/COAT), 3 COATS, 8 MILS WFT/COAT (5-6 MILS DFT/COAT)		ANTI-FOULING PAINT SAME AS SURROUNDING HULL SEE NOTES (2) & (6)		
	39	SAME AS LINE 35	ONE COAT AMERON AMERCOAT 235 RED, 3-4 MILS, WITHIN 4 HOURS AFTER SURFACE PREPARATION SEE NOTE (3)	SAME AS LINE 38		SAME AS LINE 38		
	40	SAME AS LINE 35	ONE COAT INTERNATIONAL FPL 274/FPA 327, 3-4 MILS, WITHIN 4 HOURS AFTER SURFACE PREPARATION SEE NOTE (4)	SAME AS LINE 38		SAME AS LINE 38		

TABLE ONE GRP FIBERGLASS SURFACES	LINE	A SURFACE PREPARATION	B PRIMER	C	D	E KEEL TO BOTTOM OF BOOTTOP	F BOOTTOP	G DRAFT MARKS
UNDERWATER HULL (KEEL TO TOP OF BOOTTOP) SERVICE LIFE FOR 2 YEARS OR LESS FOR SMALL BOATS & SERVICE CRAFT ONLY	41	HIGH PRESSURE WASH TO REMOVE MARINE GROWTH & LOOSE PAINT - OR - TOUCH-UP OR REMOVAL OF PAINT SYSTEM TO SOUND PRIMER BY LIGHT ABRASIVE BLASTING WITH BLACK WALNUT SHELLS CONFORMING TO A-A-1722, TYPE 2 - & - SPOT CLEAN, CHAP 631, PARA 631-5.2.6 SEE NOTE (21)	ONE COAT F-150, MIST COAT, MIL-DTL-24441, TYPE IV, 4-6 MILS DFT SEE NOTES (1) & (29)			2 COATS F-121A, 2 MILS/COAT, 4 MILS MIN TOTAL, MIL-P-15931 SEE NOTES (2), (6), & (27)	2 COATS F-129A, 2 MILS/COAT, 4 MILS MIN TOTAL, MIL-P-15931 SEE NOTES (2), (6), & (27)	ONE COAT MIL-PRF-24635 LT GRAY, COLOR NO. 26373 (LOW SOLAR ABSORPTION ONLY) TO BOOTTOPPING & BELOW, 3 MILS ONE COAT COLOR NO. 26173 (FED STD 595) MIL-PRF-24635 OCEAN GRAY (LOW SOLAR ABSORPTION ONLY) ABOVE BOOTTOPPING, 3 MILS
UNDERWATER HULL (KEEL TO TOP OF BOOTTOP) 5 YEARS SERVICE LIFE	42	SAME AS LINE 41	ONE COAT INTERNATIONAL FPL 274/FPA 327, 5 MILS - OR - INTERTUF 262- KHA303/KHA062, 5 MILS SEE NOTE (4)			ONE COAT INTERNATIONAL BRA 642 BLACK, ONE COAT BRA 640 RED, 5 MILS/COAT SEE NOTES (2) & (6)	2 COATS INTERNATIONAL BRA 642 BLACK, 5 MILS/COAT SEE NOTES (2) & (6)	SAME AS LINE 41
	43	SAME AS LINE 41	ONE COAT AMERON AMERCOAT 235, 5 MILS SEE NOTE (3)			ONE COAT AMERON ABC3 BLACK, ONE COAT AMERON ABC3 RED, 5 MILS EACH COAT SEE NOTES (2) & (6)	2 COATS AMERON ABC3 BLACK, 5 MILS EACH COAT SEE NOTES (2) & (6)	SAME AS LINE 41
	44	SAME AS LINE 41	ONE COAT HEMPEL HEMPADUR 45150-50630 RED, 5 MILS SEE NOTE (5)			ONE COAT HEMPEL OLYMPIC 76600-19990 BLACK - & - ONE COAT HEMPEL OLYMPIC 76600-51110 RED, 5 MILS/COAT SEE NOTES (2) & (6)	2 COATS HEMPEL OLYMPIC 76600-19990 BLACK, 5 MILS/COAT SEE NOTES (2) & (6)	SAME AS LINE 41
	45	SAME AS LINE 41	ONE COAT SHERWIN WILLIAMS SEAGUARD MARINE P23RQ82/P23VQ80, 5 MILS			ONE COAT SHERWIN WILLIAMS SEAGUARD MARINE P30BQ12 - & - ONE COAT SHERWIN WILLIAMS SEAGUARD MARINE P30RQ10 (MIL-PRF-24647), 5 MILS/COAT SEE NOTES (2) & (6)	2 COATS SHERWIN WILLIAMS SEAGUARD MARINE P30BQ12 (MIL-PRF-24647), 5 MILS/COAT SEE NOTES (2) & (6)	SAME AS LINE 41

TABLE ONE GRP FIBERGLASS SURFACES	LINE	A SURFACE PREPARATION	B PRIMER	C	D	E KEEL TO BOTTOM OF BOOTTOP	F BOOTTOP	G DRAFT MARKS
UNDERWATER HULL (KEEL TO TOP OF BOOTTOP) 7 YEARS SERVICE LIFE	46	SAME AS LINE 41	ONE COAT INTERNATIONAL FPL 274/FPA 327, 5 MILS - OR - INTERTUF 262- KHA303/KHA062, 5 MILS SEE NOTE (4)			ONE COAT INTERNATIONAL BRA 642 BLACK, ONE COAT BRA 640 RED, 6 MILS/COAT SEE NOTES (2) & (6)	2 COATS INTERNATIONAL BRA 642 BLACK, 6 MILS/COAT SEE NOTES (2) & (6)	SAME AS LINE 41
	47	SAME AS LINE 41	ONE COAT AMERON AMERCOAT 235, 5 MILS SEE NOTE (3)			ONE COAT AMERON ABC3 BLACK, ONE COAT AMERON ABC3 RED, 6 MILS EACH COAT SEE NOTES (2) & (6)	2 COATS AMERON ABC3 BLACK, 6 MILS EACH COAT SEE NOTES (2) & (6)	SAME AS LINE 41
	48	SAME AS LINE 41	ONE COAT HEMPEL HEMPADUR 45150-50630 RED, 5 MILS SEE NOTE (5)			ONE COAT HEMPEL OLYMPIC 76600-19990 BLACK - & - ONE COAT HEMPEL OLYMPIC 76600-51110 RED, 5 MILS/COAT SEE NOTES (2) & (6)	2 COATS HEMPEL OLYMPIC 76600-19990 BLACK, 5 MILS/COAT SEE NOTES (2) & (6)	SAME AS LINE 41
	49	SAME AS LINE 41	ONE COAT SHERWIN WILLIAMS SEAGUARD MARINE P23RQ82/P23VQ80, 5 MILS			ONE COAT SHERWIN WILLIAMS SEAGUARD MARINE P30BQ12 - & - ONE COAT SHERWIN WILLIAMS SEAGUARD MARINE P30RQ10 (MIL-PRF-24647), 5 MILS/COAT SEE NOTES (2) & (6)	2 COATS SHERWIN WILLIAMS SEAGUARD MARINE P30BQ12 (MIL-PRF-24647), 5 MILS/COAT SEE NOTES (2) & (6)	SAME AS LINE 41

TABLE ONE GRP FIBERGLASS SURFACES	LINE	A SURFACE PREPARATION	B PRIMER	C	D	E KEEL TO BOTTOM OF BOOTTOP	F BOOTTOP	G DRAFT MARKS
UNDERWATER HULL (KEEL TO TOP OF BOOTTOP) 10 TO 12 YEARS SERVICE LIFE	50	SAME AS LINE 41	ONE COAT INTERNATIONAL FPL 274/FPA 327, 5 MILS - OR - INTERTUF 262- KHA303/KHA062, 5 MILS SEE NOTE (4)			ONE COAT INTERNATIONAL BRA 642 BLACK, ONE COAT BRA 640 RED, 6 MILS/COAT SEE NOTES (2) & (6)	3 COATS INTERNATIONAL BRA 642 BLACK, 6 MILS/COAT SEE NOTES (2) & (6)	SAME AS LINE 41
	51	SAME AS LINE 41	ONE COAT AMERON AMERCOAT 235, 5 MILS SEE NOTE (3)			ONE COAT AMERON ABC3 RED, ONE COAT AMERON ABC3 BLACK, ONE COAT AMERON ABC3 RED, 6 MILS EACH COAT SEE NOTES (2) & (6)	3 COATS AMERON ABC3 BLACK, 6 MILS EACH COAT SEE NOTES (2) & (6)	SAME AS LINE 41
	52	SAME AS LINE 41	ONE COAT HEMPEL HEMPADUR 45150-50630 RED, 5 MILS SEE NOTE (5)			ONE COAT HEMPEL OLYMPIC 76600-51110 RED - & - ONE COAT HEMPEL OLYMPIC 76600-19990 BLACK - & - ONE COAT HEMPEL OLYMPIC 76600-51110 RED, 6 MILS/COAT SEE NOTES (2) & (6)	3 COATS HEMPEL OLYMPIC 76600-19990 BLACK, 6 MILS/COAT SEE NOTES (2) & (6)	SAME AS LINE 41
	53	SAME AS LINE 41	ONE COAT SHERWIN WILLIAMS SEAGUARD MARINE P23RQ82/P23VQ80, 5 MILS			ONE COAT SHERWIN WILLIAMS SEAGUARD MARINE P30RQ10, ONE COAT SHERWIN WILLIAMS SEAGUARD MARINE P30BQ12 - & - ONE COAT SHERWIN WILLIAMS SEAGUARD MARINE P30RQ10 (MIL-PRF-24647), 6 MILS/COAT SEE NOTES (2) & (6)	3 COATS SHERWIN WILLIAMS SEAGUARD MARINE P30BQ12 (MIL-PRF-24647), 6 MILS/COAT SEE NOTES (2) & (6)	SAME AS LINE 41

TABLE ONE GRP FIBERGLASS SURFACES	LINE	A SURFACE PREPARATION	B PRIMER	C	D	E KEEL TO BOTTOM OF BOOTTOP	F BOOTTOP	G DRAFT MARKS
UNDERWATER HULL METAL APPENDAGES (STRUTS, RUDDERS & OTHER CAVITATION PRONE AREAS) 2 YEARS OR LESS SERVICE LIFE	54	SAME AS LINE 41	ONE COAT MIL-DTL-24441, TYPE IV, F-150, 4-6 MILS DFT SEE NOTE (1)	4 COATS 3M CO. NO. EC-2216, ONE COAT, 6 MILS WFT/COAT (4.2 MILS DFT/COAT) 3 COATS, 8 MILS WFT/COAT (5-6 MILS DFT/COAT)		ANTI-FOULING PAINT SAME AS SURROUNDING HULL SEE NOTES (2) & (6)		
UNDERWATER HULL METAL APPENDAGES (STRUTS, RUDDERS & OTHER CAVITATION PRONE AREAS) 5 TO 10 YEARS SERVICE LIFE	55	SAME AS LINE 41	ONE COAT INTERNATIONAL FPL 274/FPA 327, 5 MILS SEE NOTE (4)	SAME AS LINE 54		SAME AS LINE 50		
	56	SAME AS LINE 41	ONE COAT AMERON AMERCOAT 235, 5 MILS SEE NOTE (3)	SAME AS LINE 54		SAME AS LINE 51		
	57	SAME AS LINE 41	ONE COAT HEMPEL HEMPADUR 45150-50630 RED, 5 MILS SEE NOTE (5)	SAME AS LINE 54		SAME AS LINE 52		
	58	SAME AS LINE 41	ONE COAT SHERWIN WILLIAMS SEAGUARD MARINE P23RQ82/P23VQ80, 5 MILS	SAME AS LINE 54		SAME AS LINE 53		

TABLE ONE WOOD SURFACES	LINE	A SURFACE PREPARATION	B PRIMER	C	D	E KEEL TO BOTTOM OF BOOTTOP	F BOOTTOP	G DRAFT MARKS
UNDERWATER HULL	59	BRUSH-OFF BLAST TO REMOVE LOOSE & DETERIORATED COATINGS - OR - HIGH-PRESSURE WASH TO REMOVE MARINE GROWTH & LOOSE PAINT SEE NOTE (20)	KEEL TO 6 INCHES ABOVE UPPER BOOTTOP LIMIT ONE COAT F-150, MIL-DTL-24441, TYPE IV, 4-6 MILS DFT SEE NOTE (1)			2 COATS F-121A, MIL-P-15931, 2-3 MILS EACH COAT, TO UNDERWATER HULL, APPENDAGES, SEA CHESTS & STRAINER PLATES UP TO BOTTOM OF BOOTTOPPING AREA MIN DRYING TIME OF 6 HRS BETWEEN COATS OF F-121A PUTTY SCREW HEADS, WHERE COMPOUND IS MISSING, WITH CAULKING COMPOUND CONFORMING TO TT-C-1796 AFTER FIRST COAT OF F-121A SEE NOTES (2), (6), & (27)	3 COATS F-129A, MIL-P-15931, 2-3 MILS EACH COAT MIN DRYING TIME OF 6 HRS BETWEEN COATS OF F-129A SEE NOTES (2), (6), & (27)	ONE COAT NO. 26373 (FED STD 595), MIL-PRF-24635 (LOW SOLAR ABSORPTION ONLY) LT GRAY, TO BOOTTOPPING & BELOW, 3-4 MILS TOTAL ONE COAT NO. 26173 (FED STD 595), MIL-PRF-24635 (LOW SOLAR ABSORPTION ONLY) OCEAN GRAY, ABOVE BOOTTOPPING. SEE NOTE (6)

TABLE 2 STEEL SURFACES	LINE	A SURFACE PREPARATION	B PRIMER	C	D	E HORIZONTAL SURFACES DECKS & FITTINGS	F MASTS & STACKS EXPOSED TO GASES	G VERTICAL SURFACES
EXTERIOR SURFACES ABOVE BOOTTOP WITH EXCEPTION OF AREAS RECEIVING NON-SKID & WELL DECK OVERHEAD AREAS SEE NOTE (2)	1	NEAR WHITE METAL BLAST NACE 2/SSPC-SP- 10 - OR - WATERJETTING TO NACE 5/SSPC-SP-12 CONDITION WJ-2/L	ONE COAT F-150, MIL-DTL-24441, TYPE IV, 4-6 MILS DFT - OR - ONE COAT MIL-PRF-23236, 3-5 MILS DFT	ONE STRIPE COAT - & - ONE FULL COAT F-154, MIL-DTL-24441, TYPE IV, 4-6 MILS DFT - OR - ONE STRIPE COAT - & - ONE FULL COAT MIL-PRF- 23236, 3-5 MILS DFT		ONE COAT DECK GRAY NO.26008 (FED STD 595), MIL-PRF-24635 (LOW SOLAR ABSORPTION ONLY), 3 MILS TOTAL	ONE COAT HAZE GRAY NO. 26270 (FED STD 595), MIL-PRF-24635 (LOW SOLAR ABSORPTION ONLY), 3 MILS - OR - MIL-PRF-24763 TYPE II, CLASS 2, 3 MILS - OR - INTERNATIONAL INTERLAC 1, PRODUCT #45587A HAZE GRAY (LOW SOLAR ABSORPTION ANTI- STAIN), 3 MILS - OR - NILES CHEMICAL PAINT CO. PRODUCT N-7229C, HAZE GRAY (LOW SOLAR ABSORPTION ANTI- STAIN), 3 MILS - OR - AMERON AMERCOAT 7229C, HAZE GRAY (LOW SOLAR ABSORPTION ANTI-STAIN), 3 MILS	ONE COAT HAZE GRAY NO. 26270 (FED STD 595), MIL-PRF-24635 (LOW SOLAR ABSORPTION ONLY), 3 MILS - OR - MIL-PRF-24763 TYPE II, CLASS 2 PAINT DESIGNATIONS & MARKINGS MIL-PRF-24635 (LOW SOLAR ABSORPTION ONLY), 3 MILS - OR - INTERNATIONAL INTERLAC 1, PRODUCT #45587A HAZE GRAY (LOW SOLAR ABSORPTION ANTI- STAIN), 3 MILS - OR - NILES CHEMICAL PAINT CO. PRODUCT N-7229C, HAZE GRAY (LOW SOLAR ABSORPTION ANTI- STAIN), 3 MILS - OR - AMERON AMERCOAT 7229C, HAZE GRAY (LOW SOLAR ABSORPTION ANTI-STAIN), 3 MILS
			SEE NOTES (1) & (29)	SEE NOTES (1) & (29)			SEE NOTE (42)	SEE NOTE (43)
HANGAR DECKS, FLIGHT DECKS & VERTICAL REPLENISHMENT DECK AREAS (CV'S & CVN'S ONLY)	2	NEAR WHILE METAL BLAST, NACE 2/SSPC-SP- 10 - OR - WATERJETTING TO NACE 5/SSPC-SP-12 CONDITION WJ-2/L	PROPRIETARY NON-SKID PRIMER LISTED ON THE QPL FOR MIL-PRF-24667	STRIPE COAT OF PROPRIETARY NON-SKID PRIMER LISTED ON THE QPL FOR MIL-PRF-24667		ONE COAT DARK GRAY, MIL-PRF-24667 TYPE I, COMP G		
			SEE NOTE (7)	SEE NOTE (7)				
HANGAR DECKS, FLIGHT DECKS & VERTICAL REPLENISHMENT DECK AREAS	3	SAME AS LINE 2	PROPRIETARY NON-SKID PRIMER LISTED ON THE QPL FOR MIL-PRF-24667	STRIPE COAT OF PROPRIETARY NON-SKID PRIMER LISTED ON THE QPL FOR MIL-PRF-24667	PROPRIETARY NON-SKID PRIMER LISTED ON THE QPL FOR MIL-PRF-24667	SAME AS LINE 2		
			SEE NOTE (7)	SEE NOTE (7)	SEE NOTE (7)			
LIVING AREAS (CV'S & CVN'S ONLY)	4	SAME AS LINE 2	SAME AS LINE 2	SAME AS LINE 2		ONE COAT DARK GRAY, MIL-PRF-24667, TYPE I, COMP L SEE NOTE (19)		
WALK AREAS (ALL DECK AREAS OTHER THAN HANGAR, FLIGHT, & VERTREP)	5	SAME AS LINE 2	SAME AS LINE 3	SAME AS LINE 3	SAME AS LINE 3	ONE COAT MIL-PRF-24667, TYPE I, II, OR III, COMP G - OR - ONE COAT MIL-PRF-24667, TYPE IV SEE NOTE (19)		

TABLE 2 STEEL SURFACES	LINE	A SURFACE PREPARATION	B PRIMER	C	D	E HORIZONTAL SURFACES DECKS & FITTINGS	F MASTS & STACKS EXPOSED TO GASES	G VERTICAL SURFACES
RAST TRACK TROUGHS WHERE PAINTED (WHERE NON-SKID NOT APPLIED)	6	SAME AS LINE ONE	ONE COAT EURONAVY ES301K/L, 6-8 MILS DFT	ONE STRIPE COAT EURONAVY ES301S, 6-8 MILS DFT	ONE COAT EURONAVY ES301S, DECK GRAY, 6-8 MILS DFT			
	7	SAME AS LINE ONE	ONE COAT INTERNATIONAL INTERBOND 998, 6-8 MILS DFT	ONE STRIPE COAT INTERNATIONAL INTERBOND 998, 6-8 MILS DFT	ONE COAT INTERNATIONAL INTERBOND 998, DECK GRAY, 6-8 MILS DFT			
	8	SAME AS LINE ONE	ONE COAT MIL-PRF-23236, TYPE VII, CLASS 17, 6-8 MILS DFT	ONE STRIPE COAT MIL-PRF-23236, TYPE VII, CLASS 17, 6-8 MILS DFT	ONE COAT MIL-PRF-23236, TYPE VII, CLASS 17, 6-8 MILS DFT			
WELL DECK OVERHEADS, BOTH EXPOSED & NON- EXPOSED TO LCAC EXHAUST SEE NOTES (30) & (34)	9	NEAR WHITE METAL BLAST, NACE 2/SSPC-SP- 10	ONE COAT CREAM SIGMA COATINGS EDGE GUARD PRIMER (PDS NO.5427), 4- 8 MILS DFT	ONE STRIPE COAT WD GRAY SIGMA COATINGS EDGE GUARD TOPCOAT (PDS NO.5428), 6-10 MILS DFT	ONE COAT OFF-WHITE SIGMA COATINGS EDGE GUARD TOPCOAT (PDS NO. 5428), 10-12 MILS DFT			
		SEE NOTE (31)	SEE NOTE (33)	SEE NOTE (33)	SEE NOTE (33)			
	10	SAME AS LINE 9	ONE COAT BUFF SHERWIN WILLIAMS NOVA-PLATE UHS PRIMER (B62H220/B62V220), 4-8 MILS DFT	ONE STRIPE COAT GRAY SHERWIN WILLIAMS NOVA-PLATE UHS TOPCOAT (B62A220/B62V220), 6-10 MILS DFT	ONE COAT WHITE SHERWIN WILLIAMS NOVA-PLATE UHS TOPCOAT (B62W220/B62V220), 10-12 MILS DFT			
			SEE NOTE (33)	SEE NOTE (33)	SEE NOTE (33)			
	11	SAME AS LINE 9	ONE COAT INTERNATIONAL INTERLINE 624 PRIMER (THA626/627), 4-8 MILS DFT	ONE STRIPE COAT INTERNATIONAL INTERLINE 624GRAY (THA625/627) , 6-10 MILS DFT	ONE COAT INTERNATIONAL INTERLINE 624 WHITE (THA623/627) , 10-12 MILS DFT			
	12	SAME AS LINE 9	ONE COAT MIL-PRF-23236, TYPE VII, CLASS 19, 4-8 MILS DFT	ONE STRIPE COAT MIL- PRF-23236, TYPE VII, CLASS 19, 6-10 MILS DFT	ONE COAT MIL-PRF-23236, TYPE VII, CLASS 19, 10-12 MILS DFT			
EXTERIOR STEEL SURFACES	13	POWER TOOL CLEAN TO BARE METAL, SSPC-SP-11 SEE NOTE (40)	SAME AS LINE ONE	SAME AS LINE ONE		SAME AS LINE ONE	SAME AS LINE ONE	SAME AS LINE ONE
	14	WATERJETTING TO NACE 5/SSPC-SP-12 CONDITION WJ-2/L	SAME AS LINE ONE	SAME AS LINE ONE		SAME AS LINE ONE	SAME AS LINE ONE	SAME AS LINE ONE
	15	SAME AS LINE 9	SAME AS LINE ONE	SAME AS LINE ONE		SAME AS LINE ONE	SAME AS LINE ONE	SAME AS LINE ONE

TABLE 2 ALUMINUM SURFACES	LINE	A SURFACE PREPARATION	B PRIMER	C	D	E HORIZONTAL SURFACES DECKS & FITTINGS	F MASTS & STACKS EXPOSED TO GASES	G VERTICAL SURFACES
EXTERIOR SURFACES ABOVE BOOTTOP, WITH EXCEPTION OF AREAS RECEIVING NON-SKID SEE NOTE (2)	16	ABRASIVE BLASTING, USING GARNET, ALUMINUM OXIDE, OR BLACK WALNUT SHELLS CONFORMING TO A-A-1722, TYPE 2 -- & -- SPOT CLEANING, CHAP 631, PARA 631-5.2.4.3 - OR - WATERJETTING TO NACE 5/SSPC-SP-12 CONDITION WJ-2/L	ONE COAT F-150, MIL-DTL-24441, TYPE IV, 4-6 MILS DFT, WITHIN 4 HOURS AFTER SURFACE PREPARATION - OR - ONE COAT MIL-PRF-23236, 3-5 MILS DFT	ONE STRIPE COAT F-152, MIL-DTL-24441, TYPE IV, 4-6 MILS DFT - OR - ONE STRIPE COAT MIL-PRF-23236, 3-5 MILS DFT	ONE COAT F-151, MIL-DTL-24441, TYPE IV, 4-6 MILS DFT - OR - ONE FULL COAT MIL-PRF-23236, 3-5 MILS DFT	ONE COAT DECK GRAY NO. 26008 (FED STD 595), MIL-PRF-24635 (LOW SOLAR ABSORPTION ONLY), 3 MILS TOTAL	ONE COAT HAZE GRAY NO. 26270 (FED STD 595), MIL-PRF-24635 (LOW SOLAR ABSORPTION ONLY), 3 MILS - OR - MIL-PRF-24763 TYPE II, CLASS 2, 3 MILS - OR - INTERNATIONAL INTERLAC 1, PRODUCT #45587A HAZE GRAY (LOW SOLAR ABSORPTION ANTI- STAIN), 3 MILS - OR - NILES CHEMICAL PAINT CO. PRODUCT N-7229C, HAZE GRAY (LOW SOLAR ABSORPTION ONLY), 3 MILS - OR - AMERON AMERCOAT 7229C, HAZE GRAY (LOW SOLAR ABSORPTION ANTI-STAIN), 3 MILS	ONE COAT HAZE GRAY NO. 26270 (FED STD 595), MIL-PRF-24635 (LOW SOLAR ABSORPTION ONLY), 3 MILS - OR - MIL-PRF-24763 TYPE II, CLASS 2, 3 MILS PAINT DESIGNATIONS & MARKINGS MIL-PRF-24635 (LOW SOLAR ABSORPTION ONLY), 3 MILS - OR - INTERNATIONAL INTERLAC 1, PRODUCT #45587A HAZE GRAY (LOW SOLAR ABSORPTION ANTI- STAIN), 3 MILS - OR - NILES CHEMICAL PAINT CO. PRODUCT N-7229C, HAZE GRAY (LOW SOLAR ABSORPTION ONLY), 3 MILS - OR - AMERON AMERCOAT 7229C, HAZE GRAY (LOW SOLAR ABSORPTION ANTI-STAIN), 3 MILS
	17	SEE NOTES (21) & (29)	SEE NOTES (1) & (29)	SEE NOTES (1) & (29)	SEE NOTES (1) & (29)	SEE NOTE (47)	SEE NOTE (42)	SEE NOTES (43) & (47)
	17	SAME AS LINE 16		2 COATS F-84, TT-P-645, ALKYD ZINC MOLYBDATE, 3 MILS TOTAL		SAME AS LINE 16	SAME AS LINE 16	SAME AS LINE 16
WALK AREAS ALL DECK AREAS OTHER THAN HANGAR, FLIGHT & VERTICAL REPLENISHMENT DECK AREAS	18	NEAR WHITE BLAST, NACE 2/SSPC-SP-10, USING GARNET, ALUMINUM OXIDE OR BLACK WALNUT SHELLS CONFORMING TO A-A-1722, TYPE 2 - OR - WATERJETTING TO NACE 5/SSPC-SP-12 CONDITION WJ-2/L	PROPRIETARY NON-SKID PRIMER LISTED ON THE QPL FOR MIL-PRF-24667	STRIPE COAT OF PROPRIETARY NON-SKID PRIMER LISTED ON THE QPL FOR MIL-PRF-24667	PROPRIETARY NON-SKID PRIMER LISTED ON THE QPL FOR MIL-PRF-24667	ONE COAT MIL-PRF-24667 TYPE I, II, OR III, COMP G - OR - ONE COAT MIL-PRF-24667 TYPE IV		
		SEE NOTE (21)	SEE NOTE (7)	SEE NOTE (7)	SEE NOTE (7)	SEE NOTE (19)		
HANGAR DECKS, FLIGHT DECKS & VERTICAL REPLENISHMENT DECK AREAS CV & CVN ONLY	19	SAME AS LINE 18	SAME AS LINE 18	SAME AS LINE 18		ONE COAT DARK GRAY, MIL-PRF-24667 TYPE I, COMP G		
HANGAR DECKS, FLIGHT DECKS, & VERTICAL REPLENISHMENT DECK AREAS	20	SAME AS LINE 18	SAME AS LINE 18	SAME AS LINE 18	SAME AS LINE 18	SAME AS LINE 19		

TABLE 2 ALUMINUM SURFACES	LINE	A SURFACE PREPARATION	B PRIMER	C	D	E HORIZONTAL SURFACES DECKS & FITTINGS	F MASTS & STACKS EXPOSED TO GASES	G VERTICAL SURFACES
RAST TRACK TROUGHS WHERE PAINTED (WHERE NON-SKID NOT APPLIED)	21	NEAR WHITE BLAST, NACE 2/SSPC-SP-10, USING GARNET, ALUMINUM OXIDE OR BLACK WALNUT SHELLS CONFORMING TO A-A-1722, TYPE 2 SEE NOTE (21)	ONE COAT EURONAVY ES301K/L, 6-8 MILS DFT	ONE STRIPE COAT EURONAVY ES301S, 6-8 MILS DFT	ONE COAT EURONAVY ES301S, DECK GRAY, 6-8 MILS DFT			
	22	SAME AS LINE 21	ONE COAT INTERNATIONAL INTERBOND 998, 6-8 MILS DFT	ONE STRIPE COAT INTERNATIONAL INTERBOND 998, 6-8 MILS DFT	ONE COAT INTERNATIONAL INTERBOND 998, DECK GRAY, 6-8 MILS DFT			
	23	SAME AS LINE 21	ONE COAT MIL-PRF-23236, TYPE VII, CLASS 17, 6-8 MILS DFT	ONE STRIPE COAT MIL- PRF-23236, TYPE VII, CLASS 17, 6-8 MILS DFT	ONE COAT MIL-PRF-23236, TYPE VII, CLASS 17, 6-8 MILS DFT			
EXTERIOR ALUMINUM SURFACES	24	POWER TOOL CLEAN TO BARE METAL, SSPC-SP-11 SEE NOTE (40)	SAME AS LINE 16	SAME AS LINE 16	SAME AS LINE 16	SAME AS LINE 16	SAME AS LINE 16	SAME AS LINE 16
	25	SAME AS LINE 16	SAME AS LINE 16	SAME AS LINE 16	SAME AS LINE 16	SAME AS LINE 16	SAME AS LINE 16	SAME AS LINE 16

TABLE 2 GRP FIBERGLASS SURFACES	LINE	A SURFACE PREPARATION	B PRIMER	C	D	E HORIZONTAL SURFACES DECKS & FITTINGS	F MASTS & STACKS EXPOSED TO GASES	G VERTICAL SURFACES
EXTERIOR SURFACES ABOVE BOOTTOP SEE NOTE (2)	26	HIGH PRESSURE WASH TO REMOVE MARINE GROWTH & LOOSE PAINT - OR - TOUCH-UP OR REMOVAL OF PAINT SYSTEM TO SOUND PRIMER BY LIGHT ABRASIVE BLASTING WITH BLACK WALNUT SHELLS CONFORMING TO A-A-1722, TYPE 2 -- & -- SPOT CLEAN, CHAP 631, PARA 631-5.2.6 SEE NOTE (21)	ONE COAT F-150, MIL-DTL-24441, TYPE IV, 4-6 MILS DFT SEE NOTES (1) & (29)		ONE STRIPE COAT F-152, MIL-DTL-24441, TYPE IV, 4-6 MILS DFT - & - ONE COAT F-151, MIL-DTL-24441, TYPE IV, 4-6 MILS DFT SEE NOTES (1) & (29)	ONE COAT DECK GRAY NO. 26008 (FED STD 595), MIL-PRF-24635 (LOW SOLAR ABSORPTION ONLY), 3 MILS TOTAL	ONE COAT HAZE GRAY NO. 26270 (FED STD 595), MIL-PRF-24635 (LOW SOLAR ABSORPTION ONLY) - OR - MIL-PRF-24763 TYPE II, CLASS 2, 3 MILS SEE NOTE (42)	ONE COAT HAZE GRAY NO. 26270 (FED STD 595), MIL-PRF-24635 (LOW SOLAR ABSORPTION ONLY), 3 MILS - OR - MIL-PRF-24763 TYPE II, CLASS 2, 3 MILS - OR - NILES CHEMICAL PAINT CO. PRODUCT N-7229C HAZE GRAY (LOW SOLAR ABSORPTION ONLY), 3 MILS - OR - AMERON AMERCOAT 7229C HAZE GRAY (LOW SOLAR ABSORPTION ANTI-STAIN), 3 MILS SEE NOTE (43)
EXTERIOR WALK AREAS ALL EXTERIOR DECK AREAS	27	POWER TOOL CLEAN TO CLEAN FIBERGLASS (DISC SANDER, ETC.) - OR - POWER TOOL CLEAN TO POLYURETHANE OVERLAY SUBSTRATE (DISC SANDER, ETC.) - OR - HYDROBLAST TO CLEAN FIBERGLASS SEE NOTE (25)	PROPRIETARY NON-SKID PRIMER LISTED ON THE QPL FOR MIL-PRF-24667 SEE NOTE (7)			ONE COAT MIL-PRF-24667 TYPE I, II, OR III, COMP G - OR - MIL-PRF-24667 TYPE IV SEE NOTE (19)		

TABLE 3 STEEL SURFACES	LINE	A SURFACE PREPARATION	B PRIMER	C WELDING BAYS & LIGHT TRAPS	D BULKHEADS & OVERHEADS	E DECKS	F THERMAL INSULATION	G MARKINGS
INTERIOR COMPARTMENTS COLORS TO BE SPECIFIED BY TYCOM OR SHIP'S COMMANDING OFFICER PER CHAP 631, PARA 631-8.23.4	1	HAND TOOL CLEANING, SSPC-SP-2 SEE NOTES (17), (28) & (40)	2 COATS FORMULA 84, TT-P-645, ALKYD ZINC MOLYBDATE, 3 MILS DFT - OR - ONE COAT F-150, MIL-DTL-24441, TYPE IV, 4-6 MILS DFT - OR - ONE COAT MIL-PRF-23236, 3-5 MILS DFT SEE NOTE (1)	bHDS, OVHDS, ONE COAT NO. 37038 (FED STD 595), MIL-PRF-24635, 3 MILS TOTAL DECKS ONE COAT NO. 27038 (FED STD 595), MIL-PRF-24635, 3 MILS TOTAL	2 COATS MIL-PRF-24596, WATER-BASED INTERIOR LATEX, 5 MILS MAX DFT - OR - 2 COATS NAVY FORMULA 25A, WATER-BASED FIRE RETARDANT COATING, 5 MILS MAX DFT SEE NOTE (9)	ONE COAT NO. 26008 (FED STD 595) MIL-PRF-24635, 3 MILS TOTAL (TO DECKS NOT RECEIVING COVERING)	HULL, VENTILATION & PIPING INSULATION 2 COATS MIL-PRF-24596, WATER-BASED INTERIOR LATEX, 5 MILS MAX DFT - OR - 2 COATS NAVY FORMULA 25A, WATER-BASED FIRE RETARDANT COATING, 5 MILS MAX DFT SEE NOTES (9), (28), & (41)	FOR COMPT PIPING VENTILATION SEE NOTE (18)
	2	SAME AS LINE ONE	2 COATS FORMULA 84, TT-P-645, ALKYD ZINC MOLYBDATE, 3 MILS DFT - OR - ONE COAT F-150, MIL-DTL-24441, TYPE IV, 4-6 MILS DFT - OR - ONE COAT MIL-PRF-23236, 3-5 MILS DFT SEE NOTE (1)	SAME AS LINE ONE	2 COATS DOD-E-24607, 3 MILS TOTAL	SAME AS LINE ONE	SAME AS LINE ONE	SAME AS LINE ONE
INTERIOR COMPARTMENTS (OVERCOAT)	3	HAND TOOL CLEANING, SSPC-SP-2 SEE NOTES (28) & (40)	SAME AS LINE ONE FOR BARE METAL AREAS	SAME AS LINE ONE EXCEPT ONE COAT	SAME AS LINE ONE EXCEPT ONE COAT		SAME AS LINE ONE EXCEPT ONE COAT	SAME AS LINE ONE EXCEPT ONE COAT

TABLE 3 STEEL SURFACES	LINE	A SURFACE PREPARATION	B PRIMER	C WELDING BAYS & LIGHT TRAPS	D BULKHEADS & OVERHEADS	E DECKS	F THERMAL INSULATION	G MARKINGS
WET SPACES (WASH ROOMS, WATER CLOSETS, SHOWER STALLS, GALLEYS, SCULLERIES & STOREROOMS WHERE HEAVY CONDENSATION IS COMMON)	4	POWER TOOL CLEANING TO BARE METAL, SSPC-SP-11 SEE NOTES (28) & (40)	ONE COAT EURONAVY ES301K, 6-8 MILS DFT		SHERWIN WILLIAMS DURA-PLATE UHS, ONE STRIPE COAT, 6-10 MILS DFT - & - ONE FINAL COAT, 10-12 MILS DFT	EURONAVY ES301S, ONE STRIPE COAT, 6-8 MILS DFT - & - ONE FINAL COAT, 6-8 MILS DFT	SAME AS LINE ONE	SAME AS LINE ONE
	5	SAME AS LINE 4	ONE COAT SIGMAGLAZE 5492, WHITE ONLY, 8-10 MILS		SIGMAGLAZE 5492, ONE STRIPE COAT, 8-10 MILS DFT, - & - ONE FULL COAT, 8-10 MILS DFT, WHITE ONLY		SAME AS LINE ONE	SAME AS LINE ONE
	6	SAME AS LINE 4	ONE COAT ALOCIT 28.15, 6-8 MILS DFT		SAME AS LINE 4	ALOCIT 28.15, ONE STRIPE COAT, 6-8 MILS DFT - & - ONE FINAL COAT, 6-8 MILS DFT	SAME AS LINE ONE	SAME AS LINE ONE
	7	SAME AS LINE 4	ONE COAT INTERNATIONAL INTERBOND 998, 6-8 MILS DFT		SAME AS LINE 4	INTERNATIONAL INTERBOND 998, ONE STRIPE COAT, 6-8 MILS DFT - & - ONE FINAL COAT, 6-8 MILS DFT	SAME AS LINE ONE	SAME AS LINE ONE
	8	SAME AS LINE 4	ONE COAT MIL-PRF-23236, TYPE VII, CLASS 17, 6-8 MILS DFT		SHERWIN WILLIAMS DURA-PLATE UHS, ONE STRIPE COAT, 6-10 MILS DFT - & - ONE FINAL COAT, 10-12 MILS DFT	ONE STRIPE COAT MIL-PRF-23236, TYPE VII, CLASS 17, 6-8 MILS DFT - & - ONE FINAL COAT MIL-PRF-23236, TYPE VII, CLASS 17, 6-8 MILS DFT	SAME AS LINE ONE	SAME AS LINE ONE

TABLE 3 STEEL SURFACES	LINE	A SURFACE PREPARATION	B PRIMER	C WELDING BAYS & LIGHT TRAPS	D BULKHEADS & OVERHEADS	E DECKS	F THERMAL INSULATION	G MARKINGS
INTERIOR COMPARTMENTS COLORS TO BE SPECIFIED BY TYCOM OR SHIP'S COMMANDING OFFICER PER CHAP 631, PARA 631-8.23.4	9	POWER TOOL CLEAN TO BARE METAL, SSPC-SP-11 SEE NOTES (17), (28) & (40)	2 COATS FORMULA 84, TT-P-645, ALKYD ZINC MOLYBDATE, 3 MILS DFT - OR - ONE COAT F-150, MIL-DTL-24441, TYPE IV, 4-6 MILS DFT - OR - ONE COAT MIL-PRF-23236, 3-5 MILS DFT SEE NOTE (1)	BHDS, OVHDS, ONE COAT NO.37038 (FED STD 595), MIL-PRF-24635, 3 MILS TOTAL DECKS ONE COAT NO. 27038 (FED STD 595), MIL-PRF-24635, 3 MILS TOTAL	2 COATS MIL-PRF-24596, WATER-BASED INTERIOR LATEX, 5 MILS MAX DFT - OR - 2 COATS NAVY FORMULA 25A, WATER-BASED FIRE RETARDANT COATING, 5 MILS MAX DFT SEE NOTE (9)	ONE COAT NO. 26008 (FED STD 595) MIL-PRF-24635, 3 MILS TOTAL (TO DECKS NOT RECEIVING COVERING)	SAME AS LINE ONE	SAME AS LINE ONE
	10	SAME AS LINE 9	2 COATS FORMULA 84, TT-P-645, ALKYD ZINC MOLYBDATE, 3 MILS DFT - OR - ONE COAT F-150, MIL-DTL-24441, TYPE IV, 4-6 MILS DFT - OR - ONE COAT MIL-PRF-23236, 3-5 MILS DFT SEE NOTE (1)	SAME AS LINE ONE	2 COATS DOD-E-24607, 3 MILS TOTAL	SAME AS LINE ONE	SAME AS LINE ONE	SAME AS LINE ONE
INTERIOR COMPARTMENTS (OVERCOAT)	11	POWER TOOL CLEANING, SSPC-SP-3	SAME AS LINE ONE FOR BARE METAL AREAS	SAME AS LINE ONE EXCEPT ONE COAT	SAME AS LINE ONE EXCEPT ONE COAT		SAME AS LINE ONE EXCEPT ONE COAT	SAME AS LINE ONE EXCEPT ONE COAT

TABLE 3 STEEL SURFACES	LINE	A SURFACE PREPARATION	B PRIMER	C WELDING BAYS & LIGHT TRAPS	D BULKHEADS & OVERHEADS	E DECKS	F THERMAL INSULATION	G MARKINGS
MACHINERY SPACES & BILGES	12	POWER TOOL CLEAN TO BARE METAL, SSPC-SP-11 - OR - WATERJETTING TO NACE 5/SSPC-SP-12 CONDITION WJ-2/L - OR - NEAR WHITE METAL BLAST, NACE 2/SSPC-SP- 10 SEE NOTES (28) & (40)	ONE COAT EURONAVY ES301K/L, 6-8 MILS DFT		ABOVE BILGE AREA: 2 COATS F-124, DOD-E-24607, 2-4 MILS	BILGE AREA: ONE STRIPE COAT EURONAVY ES301S, 6-8 MILS DFT, - & - ONE FINAL COAT EURONAVY ES301S, 6-8 MILS DFT	SAME AS LINE ONE	
	13	SAME AS LINE 12	ONE COAT ALOCIT 28.15, 6-8 MILS DFT		SAME AS LINE 12	BILGE AREA: ONE STRIPE COAT ALOCIT 28.15, 6-8 MILS DFT - & - ONE FINAL COAT ALOCIT 28.15, 6-8 MILS DFT	SAME AS LINE ONE	
	14	SAME AS LINE 12	ONE COAT INTERNATIONAL INTERBOND 998, 6-8 MILS DFT		SAME AS LINE 12	BILGE AREA: ONE STRIPE COAT INTERNATIONAL INTERBOND 998, 6-8 MILS DFT - & - ONE FINAL COAT INTERNATIONAL INTERBOND 998, 6-8 MILS DFT	SAME AS LINE ONE	
	15	SAME AS LINE 12	ONE COAT MIL-PRF-23236, TYPE VII, CLASS 5 OR 17, 6-8 MILS DFT		SAME AS LINE 12	BILGE AREA: ONE STRIPE COAT MIL-PRF-23236, TYPE VII, CLASS 5 OR 17, 6-8 MILS DFT - & - ONE COAT MIL-PRF-23236, TYPE VII, CLASS 5 OR 17, 6-8 MILS DFT	SAME AS LINE ONE	

TABLE 3 STEEL SURFACES	LINE	A SURFACE PREPARATION	B PRIMER	C WELDING BAYS & LIGHT TRAPS	D BULKHEADS & OVERHEADS	E DECKS	F THERMAL INSULATION	G MARKINGS
INTAKE VENT PLENUMS BETWEEN SKIN OF SHIP & MOISTURE SEPARATORS	16	NEAR WHITE METAL BLAST, NACE 2/SSPC-SP-10	ONE COAT SIGMA COATINGS EDGE GUARD PRIMER (PDS NO. 5427), 4-8 MILS DFT SEE NOTE (33)		ONE STRIPE COAT SIGMA EDGE GUARD (PDS NO. 5428), 6-10 MILS DFT - & - ONE FULL COAT SIGMA COATINGS EDGE GUARD TOP COAT (PDS NO. 5428), 10-12 MILS DFT SEE NOTE (33)	ONE STRIPE COAT SIGMA EDGE GUARD (PDS NO. 5428), 6-10 MILS DFT - & - ONE FULL COAT SIGMA COATINGS EDGE GUARD TOP COAT (PDS NO. 5428), 10-12 MILS DFT SEE NOTE (33)		
	17	SAME AS LINE 16	ONE COAT BUFF SHERWIN WILLIAMS NOVA-PLATE UHS PRIMER (B62H220/B62V220), 4-8 MILS DFT SEE NOTE (33)		ONE STRIPE COAT SHERWIN WILLIAMS NOVA-PLATE UHS TOP COAT, 6-10 MILS DFT - & - ONE COAT SHERWIN WILLIAMS NOVA-PLATE UHS TOP COAT, 10-12 MILS DFT SEE NOTE (33)	ONE STRIPE COAT SHERWIN WILLIAMS NOVA-PLATE UHS TOP COAT (B62A220/B62V220), 6-10 MILS DFT - & - ONE COAT SHERWIN WILLIAMS NOVA-PLATE UHS TOP COAT, 10-12 MILS DFT SEE NOTE (33)		
	18	WATERJETTING TO NACE 5/SSPC-SP-12 CONDITION WJ-2/L	ONE COAT EURONAVY ES301K, 6-8 MILS DFT		ONE STRIPE COAT EURONAVY ES301S, 6-8 MILS DFT - & - ONE FINAL COAT EURONAVY ES301S, 6-8 MILS DFT	ONE STRIPE COAT EURONAVY ES301S, 6-8 MILS DFT - & - ONE FINAL COAT EURONAVY ES301S, 6-8 MILS DFT		
	19	SAME AS LINE 18	ONE COAT INTERNATIONAL INTERBOND 998, 6-8 MILS DFT		ONE STRIPE COAT INTERNATIONAL INTERBOND 998, 6-8 MILS DFT - & - ONE FINAL COAT INTERNATIONAL INTERBOND 998, 6-8 MILS DFT	ONE STRIPE COAT INTERNATIONAL INTERBOND 998, 6-8 MILS DFT - & - ONE FINAL COAT INTERNATIONAL INTERBOND 998, 6-8 MILS DFT		
	20	SAME AS LINE 16	ONE COAT SIGMA MARINE COATINGS SIGMAGUARD BT 5404, 4-8 MILS SEE NOTE (33)		ONE STRIPE COAT SIGMA MARINE COATINGS SIGMAGUARD BT, 6-10 MILS, - & - ONE FULL COAT SIGMA MARINE COATINGS SIGMAGUARD BT, 10-12 MILS DFT SEE NOTE (33)	ONE STRIPE COAT SIGMA MARINE COATINGS SIGMAGUARD BT, 6-10 MILS, - & - ONE FULL COAT SIGMA MARINE COATINGS SIGMAGUARD BT, 10-12 MILS DFT SEE NOTE (33)		

TABLE 3 STEEL SURFACES	LINE	A SURFACE PREPARATION	B PRIMER	C WELDING BAYS & LIGHT TRAPS	D BULKHEADS & OVERHEADS	E DECKS	F THERMAL INSULATION	G MARKINGS
INTAKE VENT PLENUMS BETWEEN SKIN OF SHIP & MOISTURE SEPARATORS (CON'T)	21	SAME AS LINE 16	ONE COAT INTERNATIONAL INTERLINE 624 PRIMER (THA626/627), 4-8 MILS DFT		ONE STRIPE COAT INTERNATIONAL INTERLINE 624, 6-10 MILS DFT, - & - ONE COAT INTERNATIONAL INTERLINE 624, 10-12 MILS DFT SEE NOTE (33)	ONE STRIPE COAT INTERNATIONAL INTERLINE 624, 6-10 MILS DFT, - & - ONE COAT INTERNATIONAL INTERLINE 624, 10-12 MILS DFT SEE NOTE (33)		
	22	SAME AS LINE 16	ONE COAT SHERWIN WILLIAMS DURAPLATE UHS PRIMER, 4-8 MILS SEE NOTE (33)		ONE STRIPE COAT SHERWIN WILLIAMS DURAPLATE UHS, 6-10 MILS, - & - ONE FULL COAT SHERWIN WILLIAMS DURAPLATE UHS, 10-12 MILS SEE NOTE (33)	ONE STRIPE COAT SHERWIN WILLIAMS DURAPLATE UHS, 6-10 MILS, - & - ONE FULL COAT SHERWIN WILLIAMS DURAPLATE UHS, 10-12 MILS SEE NOTE (33)		
	23	SAME AS LINE 16	ONE COAT MIL-PRF-23236, TYPE VII, CLASS 5, 4-8 MILS DFT SEE NOTE (33)		ONE STRIPE COAT MIL- PRF-23236, TYPE VII, CLASS 5, 6-10 MILS DFT - & - ONE COAT MIL-PRF-23236, TYPE VII, CLASS 5, 10-12 MILS DFT SEE NOTE (33)	ONE STRIPE COAT MI- PRF-23236, TYPE VII, CLASS 5, 6-10 MILS DFT - & - ONE COAT MIL-PRF-23236, TYPE VII, CLASS 5, 10-12 MILS DFT SEE NOTE (33)		
	24	SAME AS LINE 18	ONE COAT MIL-PRF-23236, TYPE VII, CLASS 17, 6-8 MILS DFT SEE NOTE (33)		ONE STRIPE COAT MIL- PRF-23236, TYPE VII, CLASS 17, 6-8 MILS DFT - & - ONE COAT MIL-PRF-23236, TYPE VII, CLASS 17, 6-8 MILS DFT SEE NOTE (33)	ONE STRIPE COAT MIL-PRF-23236, TYPE VII, CLASS 17, 6-8 MILS DFT - & - ONE COAT MIL-PRF-23236, TYPE VII, CLASS 17, 6-8 MILS DFT SEE NOTE (33)		

TABLE 3 STEEL SURFACES	LINE	A SURFACE PREPARATION	B PRIMER	C WELDING BAYS & LIGHT TRAPS	D BULKHEADS & OVERHEADS	E DECKS	F THERMAL INSULATION	G MARKINGS
CLEAN AND DIRTY SIDE OF COMBUSTION AIR INTAKES	25	SAME AS LINE 16	ONE COAT SIGMA MARINE COATINGS SIGMAGUARD BT 5404, 4-8 MILS SEE NOTE (33)		ONE STRIPE COAT SIGMA MARINE COATINGS SIGMAGUARD BT, 6-10 MILS, - & - ONE FULL COAT SIGMA MARINE COATINGS SIGMAGUARD BT, 10-12 MILS DFT SEE NOTE (33)	ONE STRIPE COAT SIGMA MARINE COATINGS SIGMAGUARD BT, 6-10 MILS, - & - ONE FULL COAT SIGMA MARINE COATINGS SIGMAGUARD BT, 10-12 MILS DFT SEE NOTE (33)		
	26	SAME AS LINE 16	ONE COAT SHERWIN WILLIAMS DURAPLATE UHS PRIMER, 4-8 MILS SEE NOTE (33)		ONE STRIPE COAT SHERWIN WILLIAMS DURAPLATE UHS, 6-10 MILS, - & - ONE FULL COAT SHERWIN WILLIAMS DURAPLATE UHS, 10-12 MILS SEE NOTE (33)	ONE STRIPE COAT SHERWIN WILLIAMS DURAPLATE UHS, 6-10 MILS, - & - ONE FULL COAT SHERWIN WILLIAMS DURAPLATE UHS, 10-12 MILS SEE NOTE (33)		
	27	SAME AS LINE 18	ONE COAT EURONAVY ES301K, 6-8 MILS DFT		ONE STRIPE COAT EURONAVY ES301S, 6-8 MILS DFT - & - ONE FINAL COAT EURONAVY ES301S, 6-8 MILS DFT	ONE STRIPE COAT EURONAVY ES301S, 6-8 MILS DFT - & - ONE FINAL COAT EURONAVY ES301S, 6-8 MILS DFT		
	28	SAME AS LINE 18	ONE COAT INTERNATIONAL INTERBOND 998, 6-8 MILS DFT		ONE STRIPE COAT INTERNATIONAL INTERBOND 998, 6-8 MILS DFT - & - ONE FINAL COAT INTERNATIONAL INTERBOND 998, 6-8 MILS DFT	ONE STRIPE COAT INTERNATIONAL INTERBOND 998, 6-8 MILS DFT - & - ONE FINAL COAT INTERNATIONAL INTERBOND 998, 6-8 MILS DFT		
	29	SAME AS LINE 18	ONE COAT ALOCIT 28.15, 6-8 MILS DFT		ONE STRIPE COAT ALOCIT 28.15, 6-8 MILS DFT - & - ONE FINAL COAT ALOCIT 28.15, 6-8 MILS DFT	ONE STRIPE COAT ALOCIT 28.15, 6-8 MILS DFT - & - ONE FINAL COAT ALOCIT 28.15, 6-8 MILS DFT		
	30	SAME AS LINE 18	ONE COAT MIL-PRF-23236, TYPE VII, CLASS 17, 6-8 MILS DFT SEE NOTE (33)		ONE STRIPE COAT MIL-PRF-23236, TYPE VII, CLASS 17, 6-8 MILS DFT - & - ONE COAT MIL-PRF-23236, TYPE VII, CLASS 17, 6-8 MILS DFT SEE NOTE (33)	ONE STRIPE COAT MIL-PRF-23236, TYPE VII, CLASS 17, 6-8 MILS DFT - & - ONE COAT MIL-PRF-23236, TYPE VII, CLASS 17, 6-8 MILS DFT SEE NOTE (33)		
	31	POWER TOOL CLEAN TO BARE METAL, SSPC-SP-11	ONE COAT EURONAVY ES301K, 6-8 MILS DFT		ONE STRIPE COAT EURONAVY ES301S, 6-8 MILS DFT - & - ONE FINAL COAT EURONAVY ES301S, 6-8 MILS DFT	ONE STRIPE COAT EURONAVY ES301S, 6-8 MILS DFT - & - ONE FINAL COAT EURONAVY ES301S, 6-8 MILS DFT		

TABLE 3 STEEL SURFACES	LINE	A SURFACE PREPARATION	B PRIMER	C WELDING BAYS & LIGHT TRAPS	D BULKHEADS & OVERHEADS	E DECKS	F THERMAL INSULATION	G MARKINGS
CLEAN AND DIRTY SIDE OF COMBUSTION AIR INTAKES (CON'T)	32	SAME AS LINE 31	ONE COAT INTERNATIONAL INTERBOND 998, 6-8 MILS DFT		ONE STRIPE COAT INTERNATIONAL INTERBOND 998, 6-8 MILS DFT - & - ONE FINAL COAT INTERNATIONAL INTERBOND 998, 6-8 MILS DFT	ONE STRIPE COAT INTERNATIONAL INTERBOND 998, 6-8 MILS DFT - & - ONE FINAL COAT INTERNATIONAL INTERBOND 998, 6-8 MILS DFT		
	33	SAME AS LINE 31	ONE COAT ALOCIT 28.15, 6-8 MILS DFT		ONE STRIPE COAT ALOCIT 28.15, 6-8 MILS DFT - & - ONE FINAL COAT ALOCIT 28.15, 6-8 MILS DFT	ONE STRIPE COAT ALOCIT 28.15, 6-8 MILS DFT - & - ONE FINAL COAT ALOCIT 28.15, 6-8 MILS DFT		
	34	SAME AS LINE 31	ONE COAT MIL-PRF-23236, TYPE VII, CLASS 17, 6-8 MILS DFT SEE NOTE (33)		ONE STRIPE COAT MIL-PRF-23236, TYPE VII, CLASS 17, 6-8 MILS DFT - & - ONE COAT MIL-PRF-23236, TYPE VII, CLASS 17, 6-8 MILS DFT SEE NOTE (33)	ONE STRIPE COAT MIL-PRF-23236, TYPE VII, CLASS 17, 6-8 MILS DFT - & - ONE COAT MIL-PRF-23236, TYPE VII, CLASS 17, 6-8 MILS DFT SEE NOTE (33)		

TABLE 3 STEEL SURFACES	LINE	A SURFACE PREPARATION	B PRIMER	C WELDING BAYS & LIGHT TRAPS	D BULKHEADS & OVERHEADS	E DECKS	F THERMAL INSULATION	G MARKINGS
MIXING ROOM/UPTAKE SPACES WITH VENTS OR LOUVERS TO THE OUTSIDE ATMOSPHERE (BULKHEADS & DECKS)	35	NEAR WHITE METAL BLAST NACE 2/SSPC-SP-10	ONE COAT SIGMA COATINGS EDGE GUARD PRIMER, 4-8 MILS DFT		ONE STRIPE COAT SIGMA COATINGS EDGE GUARD TOPCOAT, 6-10 MILS DFT - & - ONE FULL COAT SIGMA COATINGS EDGE GUARD TOPCOAT, 10-12 MILS DFT	ONE STRIPE COAT SIGMA COATINGS EDGE GUARD TOPCOAT, 6-10 MILS DFT - & - ONE FULL COAT SIGMA COATINGS EDGE GUARD TOPCOAT, 10-12 MILS DFT		
	36	SAME AS LINE 35	ONE COAT SHERWIN WILLIAMS NOVA-PLATE UHS PRIMER, 4-8 MILS DFT		ONE STRIPE COAT SHERWIN WILLIAMS NOVA-PLATE UHS TOPCOAT, 6-10 MILS DFT - & - ONE FULL COAT SHERWIN WILLIAMS NOVA-PLATE UHS TOPCOAT, 10-12 MILS DFT	ONE STRIPE COAT SHERWIN WILLIAMS NOVA-PLATE UHS TOPCOAT, 6-10 MILS DFT - & - ONE FULL COAT SHERWIN WILLIAMS NOVA-PLATE UHS TOPCOAT, 10-12 MILS DFT		
	37	SAME AS LINE 35	ONE COAT INTERNATIONAL INTERLINE 624 PRIMER (THA626/627), 4-8 MILS DFT		ONE STRIPE COAT INTERNATIONAL INTERLINE 624, 6-10 MILS DFT - & - ONE FULL COAT INTERNATIONAL INTERLINE 624, 10-12 MILS DFT	ONE STRIPE COAT INTERNATIONAL INTERLINE 624, 6-10 MILS DFT - & - ONE FULL COAT INTERNATIONAL INTERLINE 624, 10-12 MILS DFT		
	38	SAME AS LINE 35	ONE COAT MIL-PRF-23236, TYPE VII, CLASS 5, 4-8 MILS DFT SEE NOTE (33)		ONE STRIPE COAT MIL-PRF-23236, TYPE VII, CLASS 5, 6-10 MILS DFT - & - ONE COAT MIL-PRF-23236, TYPE VII, CLASS 5, 10-12 MILS DFT SEE NOTE (33)	ONE STRIPE COAT MIL-PRF-23236, TYPE VII, CLASS 5, 6-10 MILS DFT - & - ONE COAT MIL-PRF-23236, TYPE VII, CLASS 5, 10-12 MILS DFT SEE NOTE (33)		

TABLE 3 STEEL SURFACES	LINE	A SURFACE PREPARATION	B PRIMER	C WELDING BAYS & LIGHT TRAPS	D BULKHEADS & OVERHEADS	E DECKS	F THERMAL INSULATION	G MARKINGS
DECKS, INSIDE THE COAMING, UNDER AFFF PROPORTIONING UNITS, & BILGE DRAIN WELLS	39	POWER TOOL CLEAN TO BARE METAL, SSPC-SP-11 - OR - WATERJETTING TO NACE 5/SSPC-SP-12 CONDITION WJ-2/L SEE NOTE (32)	ONE COAT BELZONA CERAMIC METAL 4311, 12-18 MILS DFT			ONE COAT BELZONA CERAMIC METAL 4311, 12-18 MILS DFT		
	40	SAME AS LINE 39	ONE COAT CHESTERTON ARC 855N, 12-18 MILS DFT			ONE COAT CHESTERTON ARC 855N, 12-18 MILS DFT		
	41	SAME AS LINE 39	ONE COAT PALMER- ENECON CERAMALLOY CL+, 12-18 MILS DFT			ONE COAT PALMER- ENECON CERAMALLOY CL+, 12-18 MILS DFT		
	42	SAME AS LINE 39	ONE COAT SIGMA COATINGS EDGE GUARD PRIMER, 4-8 MILS DFT			ONE STRIPE COAT SIGMA COATINGS EDGE GUARD TOPCOAT, 6-10 MILS DFT - & - ONE FULL COAT SIGMA COATINGS EDGE GUARD TOPCOAT, 10-12 MILS DFT		
	43	SAME AS LINE 39	ONE COAT SHERWIN WILLIAMS NOVA-PLATE UHS PRIMER, 4-8 MILS DFT			ONE STRIPE COAT SHERWIN WILLIAMS NOVA-PLATE UHS TOPCOAT, 6-10 MILS DFT - & - ONE FULL COAT SHERWIN WILLIAMS NOVA-PLATE UHS TOPCOAT, 10-12 MILS DFT		
	44	SAME AS LINE 39	ONE COAT INTERNATIONAL INTERLINE 624 PRIMER (THA626/627), 4-8 MILS DFT			ONE STRIPE COAT INTERNATIONAL INTERLINE 624, 6-10 MILS DFT - & - ONE FULL COAT INTERNATIONAL INTERLINE 624, 10-12 MILS DFT		
	45	SAME AS LINE 39	ONE COAT MIL-PRF-23236, TYPE VII, CLASS 5, 4-8 MILS DFT SEE NOTE (33)			ONE STRIPE COAT MIL- PRF-23236, TYPE VII, CLASS 5, 6-10 MILS DFT - & - ONE COAT MIL-PRF-23236, TYPE VII, CLASS 5, 10-12 MILS DFT SEE NOTE (33)		
INTERIOR STEEL SURFACES	46	SAME AS LINE 16	SAME AS LINE ONE	SAME AS LINE ONE	SAME AS LINE ONE	SAME AS LINE ONE	SAME AS LINE ONE	SAME AS LINE ONE
	47	SAME AS LINE 18	SAME AS LINE ONE	SAME AS LINE ONE	SAME AS LINE ONE	SAME AS LINE ONE	SAME AS LINE ONE	SAME AS LINE ONE
	48	SAME AS LINE 31	SAME AS LINE ONE	SAME AS LINE ONE	SAME AS LINE ONE	SAME AS LINE ONE	SAME AS LINE ONE	SAME AS LINE ONE

TABLE 3 ALUMINUM SURFACES	LINE	A SURFACE PREPARATION	B PRIMER	C WELDING BAYS & LIGHT TRAPS	D BULKHEADS & OVERHEADS	E DECKS	F THERMAL INSULATION	G MARKINGS
INTERIOR COMPARTMENTS SEE NOTE (17)	49	POWER TOOL CLEAN TO BARE METAL, SSPC-SP-11, USING STAINLESS STEEL WIRE BRUSHES, STAINLESS STEEL PADS, OR ABRASIVE S&ING DISCS (ANSI/BHMA B74.18)	2 COATS FORMULA 84, TT-P-645, ALKYD ZINC MOLYBDATE, 3 MILS DFT	BHDS, OVHDS, ONE COAT NO. 37038 (FED STD 595), MIL-PRF-24635, 3 MILS TOTAL DECKS ONE COAT NO. 27038 (FED STD 595), MIL-PRF-24635, 3 MILS TOTAL	2 COATS DOD-E-24607, 3 MILS TOTAL - OR - 2 COATS MIL-PRF-24596, WATER-BASED INTERIOR LATEX, 5 MILS MAX DFT - OR - 2 COATS NAVY FORMULA 25A, WATER-BASED FIRE RETARDANT COATING, 5 MILS MAX DFT SEE NOTE (9)	ONE COAT NO. 26008 (FED STD 595), MIL-PRF-24635, 3 MILS TOTAL (TO DECKS NOT RECEIVING DECK COVERING)	HULL, VENTILATION & PIPING INSULATION 2 COATS DOD-E-24607, 3 MILS TOTAL - OR - 2 COATS MIL-PRF-24596, WATER-BASED INTERIOR LATEX, 5 MILS MAX DFT - OR - 2 COATS NAVY FORMULA 25A, WATER-BASED FIRE RETARDANT COATING, 5 MILS MAX DFT SEE NOTES (9), (28), & (41)	FOR COMPT PIPING & VENTILATION SEE NOTE (18)
	50	SAME AS LINE 49	2 COATS MIL-DTL-24441, TYPE IV, 4-6 MILS/COAT DFT - OR - 2 COATS MIL-PRF-23236, 3-5 MILS/COAT DFT SEE NOTES (1) & (29)	SAME AS LINE 49	SAME AS LINE 49	SAME AS LINE 49	SAME AS LINE 49	SAME AS LINE 49
	51	HAND TOOL CLEANING, SSPC-SP-2 SEE NOTES (28) & (40)	2 COATS FORMULA 84, TT-P-645, ALKYD ZINC MOLYBDATE, 3 MILS DFT - OR - ONE COAT F-150, MIL-DTL-24441, TYPE IV, 4-6 MILS DFT - OR - ONE COAT MIL-PRF-23236, 3-5 MILS DFT SEE NOTE (1)	SAME AS LINE 49	2 COATS MIL-PRF-24596, WATER-BASED INTERIOR LATEX, 5 MILS MAX DFT - OR - 2 COATS NAVY FORMULA 25A, WATER-BASED FIRE RETARDANT COATING, 5 MILS MAX DFT SEE NOTE (9)	ONE COAT NO. 26008 (FED STD 595) MIL-PRF-24635, 3 MILS TOTAL (TO DECKS NOT RECEIVING COVERING)	HULL, VENTILATION & PIPING INSULATION SAME AS LINE 49 SEE NOTE (28)	FOR COMPT PIPING VENTILATION SEE NOTE (18)
	52	SAME AS LINE 51	2 COATS FORMULA 84, TT-P-645, ALKYD ZINC MOLYBDATE, 3 MILS DFT - OR - ONE COAT F-150, MIL-DTL-24441, TYPE IV, 4-6 MILS DFT - OR - ONE COAT MIL-PRF-23236, 3-5 MILS DFT SEE NOTE (1)	SAME AS LINE 49	2 COATS DOD-E-24607, 3 MILS TOTAL	SAME AS LINE 49	SAME AS LINE 49	SAME AS LINE 49
INTERIOR COMPARTMENTS (OVERCOAT)	53	HAND TOOL CLEANING, SSPC-SP-2 SEE NOTE (28) & (40)	SAME AS LINE 49 FOR BARE METAL AREAS	SAME AS LINE 49 EXCEPT ONE COAT	SAME AS LINE 49		SAME AS LINE 49 EXCEPT ONE COAT	SAME AS LINE 49 EXCEPT ONE COAT
	54	POWER TOOL CLEANING, SSPC-SP-3	SAME AS LINE 49 FOR BARE METAL AREAS	SAME AS LINE 49	SAME AS LINE 49 EXCEPT ONE COAT		SAME AS LINE 49 EXCEPT ONE COAT	SAME AS LINE 49 EXCEPT ONE COAT

TABLE 3 ALUMINUM SURFACES	LINE	A SURFACE PREPARATION	B PRIMER	C WELDING BAYS & LIGHT TRAPS	D BULKHEADS & OVERHEADS	E DECKS	F THERMAL INSULATION	G MARKINGS
TANKS AND VOIDS	55	NEAR WHITE BLAST, NACE 2/SSPC-SP-10, TO ACHIEVE 1-1/2 TO 2 MILS ANCHOR PATTERN, USING GARNET OR ALUMINUM OXIDE	SAME AS FOR STEEL - SEE TABLE 4					
WET SPACES (WASH ROOMS, WATER CLOSETS, SHOWER STALLS, GALLEYS, SCULLERIES & STOREROOMS WHERE HEAVY CONDENSATION IS COMMON)	56	POWER TOOL CLEAN TO BARE METAL, SSPC-SP-11 SEE NOTES (28) & (40)	ONE COAT SIGMA GLAZE 5492, 8-10 MILS DFT, WHITE ONLY		SIGMA 5492, ONE STRIPE COAT, 8-10 MILS DFT, - & - ONE FULL COAT, 8-10 MILS DFT, WHITE ONLY		SAME AS LINE 49	SAME AS LINE 49
	57	SAME AS LINE 56	ONE COAT EURONAVY ES301K, 6-8 MILS DFT		SHERWIN WILLIAMS DURA-PLATE UHS, ONE STRIPE COAT, 6-10 MILS DFT - & - ONE FINAL COAT, 10-12 MILS DFT	EURONAVY ES301S, ONE STRIPE COAT, 6-8 MILS DFT - & - ONE FINAL COAT, 6-8 MILS DFT	SAME AS LINE 49	SAME AS LINE 49
	58	SAME AS LINE 56	ONE COAT ALOCIT 28.15, 6-8 MILS DFT		SAME AS LINE 57	ALOCIT 28.15, ONE STRIPE COAT, 6-8 MILS DFT - & - ONE FINAL COAT, 6-8 MILS DFT	SAME AS LINE 49	SAME AS LINE 49
	59	SAME AS LINE 56	ONE COAT INTERNATIONAL INTERBOND 998, 6-8 MILS DFT		SAME AS LINE 57	INTERNATIONAL INTERBOND 998, ONE STRIPE COAT, 6-8 MILS DFT - & - ONE FINAL COAT, 6-8 MILS DFT	SAME AS LINE 49	SAME AS LINE 49
	60	SAME AS LINE 56	ONE COAT MIL-PRF-23236, TYPE VII, CLASS 17, 6-8 MILS DFT		SHERWIN WILLIAMS DURA-PLATE UHS, ONE STRIPE COAT, 6-10 MILS DFT - & - ONE FINAL COAT 10-12 MILS DFT	ONE STRIPE COAT MIL-PRF-23236, TYPE VII, CLASS 17, 6-8 MILS DFT - & - ONE FINAL COAT, MIL-PRF-23236, TYPE VII, CLASS 17, 6-8 MILS DFT	SAME AS LINE 49	SAME AS LINE 49

TABLE 3 ALUMINUM SURFACES	LINE	A SURFACE PREPARATION	B PRIMER	C WELDING BAYS & LIGHT TRAPS	D BULKHEADS & OVERHEADS	E DECKS	F THERMAL INSULATION	G MARKINGS
MACHINERY SPACES & BILGES	61	POWER TOOL CLEAN TO BARE METAL, SSPC-SP-11 - OR - WATERJETTING TO NACE 5/SSPC-SP-12 CONDITION WJ-2/L - OR - NEAR WHITE METAL BLAST, NACE 2/SSPC-SP- 10 SEE NOTE (28)	ONE COAT EURONAVY ES301K/L, 6-8 MILS DFT		ABOVE BILGE AREA: 2 COATS F-124, DOD-E-24607, 2-4 MILS	BILGE AREA: ONE STRIPE COAT EURONAVY ES301S, 6-8 MILS DFT -- & -- ONE FINAL COAT EURONAVY ES301S, 6-8 MILS DFT	SAME AS LINE 49	
	62	SAME AS LINE 61	ONE COAT ALOCIT 28.15, 6-8 MILS DFT		SAME AS LINE 61	BILGE AREA: ONE STRIPE COAT ALOCIT 28.15, 6-8 MILS DFT -- & -- ONE FINAL COAT ALOCIT 28.15, 6-8 MILS DFT	SAME AS LINE 49	
	63	SAME AS LINE 61	ONE COAT INTERNATIONAL INTERBOND 998, 6-8 MILS DFT		SAME AS LINE 61	BILGE AREA: ONE STRIPE COAT INTERNATIONAL INTERBOND 998, 6-8 MILS DFT -- & -- ONE FINAL COAT INTERNATIONAL INTERBOND 998, 6-8 MILS DFT	SAME AS LINE 49	
	64	SAME AS LINE 61	ONE COAT MIL-PRF-23236, TYPE VII, CLASS 5 OR 17, 6-8 MILS DFT		SAME AS LINE 61	BILGE AREA: ONE STRIPE COAT MIL-PRF-23236, TYPE VII, CLASS 5 OR 17, 6-8 MILS DFT - & - ONE COAT MIL-PRF-23236, TYPE VII, CLASS 5 OR 17, 6-8 MILS DFT	SAME AS LINE 49	

TABLE 3 ALUMINUM SURFACES	LINE	A SURFACE PREPARATION	B PRIMER	C WELDING BAYS & LIGHT TRAPS	D BULKHEADS & OVERHEADS	E DECKS	F THERMAL INSULATION	G MARKINGS
INTAKE VENT PLENUMS, BETWEEN SKIN OF SHIP & MOISTURE SEPARATORS	65	NEAR WHITE METAL BLAST, NACE 2/SSPC-SP-10	ONE COAT CREAM SIGMA COATINGS EDGE GUARD PRIMER (PDS NO. 5427), 4-8 MILS DFT SEE NOTE (33)		ONE STRIPE COAT WD GRAY SIGMA EDGE GUARD TOP COAT (PDS NO. 5428), 6-10 MILS DFT -- & -- ONE COAT OFF-WHITE SIGMA COATINGS EDGE GUARD TOP COAT (PDS NO. 5428), 10-12 MILS DFT SEE NOTE (33)	ONE STRIPE COAT WD GRAY SIGMA EDGE GUARD TOP COAT (PDS NO. 5428), 6-10 MILS DFT -- & -- ONE COAT OFF-WHITE SIGMA COATINGS EDGE GUARD TOP COAT (PDS NO. 5428), 10-12 MILS DFT SEE NOTE (33)		
	66	SAME AS LINE 65	ONE COAT BUFF SHERWIN WILLIAMS NOVA-PLATE UHS PRIMER (B62H220/B62V220), 4-8 MILS DFT SEE NOTE (33)		ONE STRIPE COAT GRAY SHERWIN WILLIAMS NOVA-PLATE UHS TOP COAT (B62A220/B62V220), 6-10 MILS DFT -- & -- ONE COAT WHITE SHERWIN WILLIAMS NOVA-PLATE UHS TOP COAT (B62W220/B62V220), 10-12 MILS DFT SEE NOTE (33)	ONE STRIPE COAT GRAY SHERWIN WILLIAMS NOVA-PLATE UHS TOP COAT (B62A220/B62V220), 6-10 MILS DFT -- & -- ONE COAT WHITE SHERWIN WILLIAMS NOVA-PLATE UHS TOP COAT (B62W220/B62V220), 10-12 MILS DFT SEE NOTE (33)		
	67	SAME AS LINE 65	ONE COAT INTERNATIONAL INTERLINE 624 PRIMER (THA626/627), 4-8 MILS DFT SEE NOTE (33)		ONE STRIPE COAT INTERNATIONAL INTERLINE 624 (THA624/627) WHITE, 6-10 MILS DFT, - & - ONE COAT INTERNATIONAL INTERLINE 624 (THA625/627) GRAY, 10-12 MILS DFT SEE NOTE (33)	ONE STRIPE COAT INTERNATIONAL INTERLINE 624 (THA624/627) WHITE, 6-10 MILS DFT, - & - ONE COAT INTERNATIONAL INTERLINE 624 (THA625/627) GRAY, 10-12 MILS DFT SEE NOTE (33)		
	68	SAME AS LINE 65	ONE COAT SIGMA MARINE COATINGS SIGMAGUARD BT 5404, AMBER, 4-8 MILS SEE NOTE (33)		ONE STRIPE COAT SIGMA MARINE COATINGS SIGMAGUARD BT 5411-5000, GRAY, 6-10 MILS, - & - ONE FULL COAT SIGMA MARINE COATINGS SEE NOTE (33)	ONE STRIPE COAT SIGMA MARINE COATINGS SIGMAGUARD BT 5411-5000, GRAY, 6-10 MILS, - & - ONE FULL COAT SIGMA MARINE COATINGS SEE NOTE (33)		

TABLE 3 ALUMINUM SURFACES	LINE	A SURFACE PREPARATION	B PRIMER	C WELDING BAYS & LIGHT TRAPS	D BULKHEADS & OVERHEADS	E DECKS	F THERMAL INSULATION	G MARKINGS
INTAKE VENT PLENUMS, BETWEEN SKIN OF SHIP & MOISTURE SEPARATORS (CONT)	69	SAME AS LINE 65	ONE COAT SHERWIN WILLIAMS DURAPLATE UHS PRIMER, 4-8 MILS SEE NOTE (33)		ONE STRIPE COAT SHERWIN WILLIAMS DURAPLATE UHS, 6-10 MILS, - & - ONE FULL COAT SHERWIN WILLIAMS DURAPLATE UHS, 10-12 MILS SEE NOTE (33)	ONE STRIPE COAT SHERWIN WILLIAMS DURAPLATE UHS, 6-10 MILS, - & - ONE FULL COAT SHERWIN WILLIAMS DURAPLATE UHS, 10-12 MILS SEE NOTE (33)		
	70	SAME AS LINE 65	ONE COAT MIL-PRF-23236, TYPE VII, CLASS 5, 4-8 MILS DFT SEE NOTE (33)		ONE STRIPE COAT MIL-PRF-23236, TYPE VII, CLASS 5, 6-10 MILS DFT - & - ONE COAT MIL-PRF-23236, TYPE VII, CLASS 5, 10-12 MILS DFT SEE NOTE (33)	ONE STRIPE COAT MIL-PRF-23236, TYPE VII, CLASS 5, 6-10 MILS DFT - & - ONE COAT MIL-PRF-23236, TYPE 7, CLASS 5, 10-12 MILS DFT SEE NOTE (33)		
	71	WATERJETTING TO NACE 5/SSPC-SP-12 CONDITION WJ-2/L	ONE COAT EURONAVY ES301K, 6-8 MILS DFT		ONE STRIPE COAT EURONAVY ES301S, 6-8 MILS DFT -- & -- ONE FINAL COAT EURONAVY ES301S, 6-8 MILS DFT	ONE STRIPE COAT EURONAVY ES301S, 6-8 MILS DFT -- & -- ONE FINAL COAT EURONAVY ES301S, 6-8 MILS DFT		
	72	SAME AS LINE 71	ONE COAT INTERNATIONAL INTERBOND 998, 6-8 MILS DFT		ONE STRIPE COAT INTERNATIONAL INTERBOND 998, 6-8 MILS DFT - & - ONE FINAL COAT INTERNATIONAL INTERBOND 998, 6-8 MILS DFT	ONE STRIPE COAT INTERNATIONAL INTERBOND 998, 6-8 MILS DFT - & - ONE FINAL COAT INTERNATIONAL INTERBOND 998, 6-8 MILS DFT		
	73	SAME AS LINE 71	ONE COAT MIL-PRF-23236, TYPE VII, CLASS 17, 6-8 MILS DFT SEE NOTE (33)		ONE STRIPE COAT MIL-PRF-23236, TYPE VII, CLASS 17, 6-8 MILS DFT - & - ONE COAT MIL-PRF-23236, TYPE VII, CLASS 17, 6-8 MILS DFT SEE NOTE (33)	ONE STRIPE COAT MIL-PRF-23236, TYPE VII, CLASS 17, 6-8 MILS DFT - & - ONE COAT MIL-PRF-23236, TYPE VII, CLASS 17, 6-8 MILS DFT SEE NOTE (33)		

TABLE 3 ALUMINUM SURFACES	LINE	A SURFACE PREPARATION	B PRIMER	C WELDING BAYS & LIGHT TRAPS	D BULKHEADS & OVERHEADS	E DECKS	F THERMAL INSULATION	G MARKINGS
CLEAN AND DIRTY SIDE OF COMBUSTION AIR INTAKES	74	SAME AS LINE 65	ONE COAT SIGMA MARINE COATINGS SIGMAGUARD BT 5404, 4-8 MILS SEE NOTE (33)		ONE STRIPE COAT SIGMA MARINE COATINGS SIGMAGUARD BT, 6-10 MILS, - & - ONE FULL COAT SIGMA MARINE COATINGS SIGMAGUARD BT, 10-12 MILS DFT SEE NOTE (33)	ONE STRIPE COAT SIGMA MARINE COATINGS SIGMAGUARD BT, 6-10 MILS, - & - ONE FULL COAT SIGMA MARINE COATINGS SIGMAGUARD BT, 10-12 MILS DFT SEE NOTE (33)		
	75	SAME AS LINE 65	ONE COAT SHERWIN WILLIAMS DURAPLATE UHS PRIMER, 4-8 MILS SEE NOTE (33)		ONE STRIPE COAT SHERWIN WILLIAMS DURAPLATE UHS, 6-10 MILS, - & - ONE FULL COAT SHERWIN WILLIAMS DURAPLATE UHS, 10-12 MILS SEE NOTE (33)	ONE STRIPE COAT SHERWIN WILLIAMS DURAPLATE UHS, 6-10 MILS, - & - ONE FULL COAT SHERWIN WILLIAMS DURAPLATE UHS, 10-12 MILS SEE NOTE (33)		
	76	SAME AS LINE 71	ONE COAT EURONAVY ES301K, 6-8 MILS DFT		ONE STRIPE COAT EURONAVY ES301S, 6-8 MILS DFT - & - ONE FINAL COAT EURONAVY ES301S, 6-8 MILS DFT	ONE STRIPE COAT EURONAVY ES301S, 6-8 MILS DFT - & - ONE FINAL COAT EURONAVY ES301S, 6-8 MILS DFT		
	77	SAME AS LINE 71	ONE COAT INTERNATIONAL INTERBOND 998, 6-8 MILS DFT		ONE STRIPE COAT INTERNATIONAL INTERBOND 998, 6-8 MILS DFT - & - ONE FINAL COAT INTERNATIONAL INTERBOND 998, 6-8 MILS DFT	ONE STRIPE COAT INTERNATIONAL INTERBOND 998, 6-8 MILS DFT - & - ONE FINAL COAT INTERNATIONAL INTERBOND 998, 6-8 MILS DFT		
	78	SAME AS LINE 71	ONE COAT ALOCIT 28.15, 6-8 MILS DFT		ONE STRIPE COAT ALOCIT 28.15, 6-8 MILS DFT - & - ONE FINAL COAT ALOCIT 28.15, 6-8 MILS DFT	ONE STRIPE COAT ALOCIT 28.15, 6-8 MILS DFT - & - ONE FINAL COAT ALOCIT 28.15, 6-8 MILS DFT		
	79	SAME AS LINE 71	ONE COAT MIL-PRF-23236, TYPE VII, CLASS 17, 6-8 MILS DFT SEE NOTE (33)		ONE STRIPE COAT MIL-PRF-23236, TYPE VII, CLASS 17, 6-8 MILS DFT - & - ONE COAT MIL-PRF-23236, TYPE VII, CLASS 17, 6-8 MILS DFT SEE NOTE (33)	ONE STRIPE COAT MIL-PRF-23236, TYPE VII, CLASS 17, 6-8 MILS DFT - & - ONE COAT MIL-PRF-23236, TYPE VII, CLASS 17, 6-8 MILS DFT SEE NOTE (33)		

TABLE 3 ALUMINUM SURFACES	LINE	A SURFACE PREPARATION	B PRIMER	C WELDING BAYS & LIGHT TRAPS	D BULKHEADS & OVERHEADS	E DECKS	F THERMAL INSULATION	G MARKINGS
CLEAN AND DIRTY SIDE OF COMBUSTION AIR INTAKES (CONT)	80	SAME AS LINE 49	ONE COAT EURONAVY ES301K, 6-8 MILS DFT		ONE STRIPE COAT EURONAVY ES301S, 6-8 MILS DFT - & - ONE FINAL COAT EURONAVY ES301S, 6-8 MILS DFT	ONE STRIPE COAT EURONAVY ES301S, 6-8 MILS DFT - & - ONE FINAL COAT EURONAVY ES301S, 6-8 MILS DFT		
	81	SAME AS LINE 49	ONE COAT INTERNATIONAL INTERBOND 998, 6-8 MILS DFT		ONE STRIPE COAT INTERNATIONAL INTERBOND 998, 6-8 MILS DFT - & - ONE FINAL COAT INTERNATIONAL INTERBOND 998, 6-8 MILS DFT	ONE STRIPE COAT INTERNATIONAL INTERBOND 998, 6-8 MILS DFT - & - ONE FINAL COAT INTERNATIONAL INTERBOND 998, 6-8 MILS DFT		
	82	SAME AS LINE 49	ONE COAT ALOCIT 28.15, 6-8 MILS DFT		ONE STRIPE COAT ALOCIT 28.15, 6-8 MILS DFT - & - ONE FINAL COAT ALOCIT 28.15, 6-8 MILS DFT	ONE STRIPE COAT ALOCIT 28.15, 6-8 MILS DFT - & - ONE FINAL COAT ALOCIT 28.15, 6-8 MILS DFT		
	83	SAME AS LINE 49	ONE COAT MIL-PRF-23236, TYPE VII, CLASS 17, 6-8 MILS DFT SEE NOTE (33)		ONE STRIPE COAT MIL-PRF-23236, TYPE VII, CLASS 17, 6-8 MILS DFT - & - ONE COAT MIL-PRF-23236, TYPE VII, CLASS 17, 6-8 MILS DFT SEE NOTE (33)	ONE STRIPE COAT MIL-PRF-23236, TYPE VII, CLASS 17, 6-8 MILS DFT - & - ONE COAT MIL-PRF-23236, TYPE VII, CLASS 17, 6-8 MILS DFT SEE NOTE (33)		
MIXING ROOM/UPTAKE SPACES WITH VENTS OR LOUVERS TO THE OUTSIDE ATMOSPHERE (BULKHEADS & DECKS)	84	NEAR WHITE METAL BLAST NACE 2/SSPC-SP-10	ONE COAT SIGMA COATINGS EDGEGUARD PRIMER, 4-8 MILS DFT		ONE STRIPE COAT SIGMA COATINGS EDGEGUARD TOPCOAT, 6-10 MILS DFT - & - ONE COAT SIGMA COATINGS EDGEGUARD TOPCOAT, 10-12 MILS DFT	ONE STRIPE COAT SIGMA COATINGS EDGEGUARD TOPCOAT, 6-10 MILS DFT - & - ONE COAT SIGMA COATINGS EDGEGUARD TOPCOAT, 10-12 MILS DFT		
	85	SAME AS LINE 84	ONE COAT SHERWIN WILLIAMS NOVA-PLATE UHS PRIMER, 4-8 MILS DFT		ONE STRIPE COAT SHERWIN WILLIAMS NOVA-PLATE UHS TOPCOAT, 6-10 MILS DFT - & - ONE COAT SHERWIN WILLIAMS NOVA-PLATE TOPCOAT, 10-12 MILS DFT	ONE STRIPE COAT SHERWIN WILLIAMS NOVA-PLATE UHS TOPCOAT, 6-10 MILS DFT - & - ONE COAT SHERWIN WILLIAMS NOVA-PLATE TOPCOAT, 10-12 MILS DFT		
	86	SAME AS LINE 84	ONE COAT INTERNATIONAL INTERLINE 624 PRIMER (THA626/627), 4-8 MILS DFT		ONE STRIPE COAT INTERNATIONAL INTERLINE 624, 6-10 MILS DFT - & - ONE COAT INTERNATIONAL INTERLINE 624, 10-12 MILS DFT	ONE STRIPE COAT INTERNATIONAL INTERLINE 624, 6-10 MILS DFT - & - ONE COAT INTERNATIONAL INTERLINE 624, 10-12 MILS DFT		

TABLE 3 ALUMINUM SURFACES	LINE	A SURFACE PREPARATION	B PRIMER	C WELDING BAYS & LIGHT TRAPS	D BULKHEADS & OVERHEADS	E DECKS	F THERMAL INSULATION	G MARKINGS
MIXING ROOM/UPTAKE SPACES WITH VENTS OR LOUVERS TO THE OUTSIDE ATMOSPHERE (BULKHEADS & DECKS) (CONT)	87	SAME AS LINE 84	ONE COAT MIL-PRF-23236, TYPE VII, CLASS 5, 4-8 MILS DFT SEE NOTE (33)		ONE STRIPE COAT MIL-PRF-23236, TYPE VII, CLASS 5, 6-10 MILS DFT - & - ONE COAT MIL-PRF-23236, TYPE VII, CLASS 5, 10-12 MILS DFT SEE NOTE (33)	ONE STRIPE COAT MIL-PRF-23236, TYPE VII, CLASS 5, 6-10 MILS DFT - & - ONE COAT MIL-PRF-23236, TYPE VII, CLASS 5, 10-12 MILS DFT SEE NOTE (33)		
INTERIOR ALUMINUM SURFACES	88	SAME AS LINE 49	SAME AS LINE 50	SAME AS LINE 49	SAME AS LINE 49	SAME AS LINE 49	SAME AS LINE 49	SAME AS LINE 49
	89	SAME AS LINE 65	SAME AS LINE 50	SAME AS LINE 49	SAME AS LINE 49	SAME AS LINE 49	SAME AS LINE 49	SAME AS LINE 49
	90	SAME AS LINE 71	SAME AS LINE 50	SAME AS LINE 49	SAME AS LINE 49	SAME AS LINE 49	SAME AS LINE 49	SAME AS LINE 49

TABLE 3 GRP FIBERGLASS SURFACES	LINE	A SURFACE PREPARATION	B PRIMER	C WELDING BAYS & LIGHT TRAPS	D BULKHEADS & OVERHEADS	E DECKS	F THERMAL INSULATION	G MARKINGS
INTERIOR FIBROUS GLASS BOARDS	91	SOAP & WATER CLEAN & HAND SAND AS NECESSARY	ONE COAT FORMULA 84, TT-P-645, ALKYD ZINC MOLYBDATE, 1.5 MILS		2 COATS WATER-BASED INTERIOR LATEX, MIL-PRF-24596, 5 MILS MAX DFT - OR - 2 COATS NAVY F-25A FIRE RETARDANT INTERIOR LATEX, 5 MILS MAX DFT			
	92	SAME AS LINE 91	ONE COAT F-150, MIL-DTL-24441, TYPE IV, 4-6 MILS DFT SEE NOTE (1)		2 COATS OF FINISH COAT DOD-E-24607, 3 MILS TOTAL, F-124, 125, OR 126 (COLOR TO BE DESIGNATED)			

TABLE 3 WOOD SURFACES	LINE	A SURFACE PREPARATION	B PRIMER	C WELDING BAYS & LIGHT TRAPS	D BULKHEADS & OVERHEADS	E DECKS	F THERMAL INSULATION	G MARKINGS
INTERIOR COMPARTMENTS	93	HAND TOOL CLEAN - & - POWER TOOL CLEAN TO BARE WOOD OR TIGHTLY ADHERING INTACT PAINT	2 COATS FORMULA 84, ALKYD ZINC MOLYBDATE, TT-P-645, 3 MILS DFT		2 COATS MIL-PRF-24596, WATER-BASED INTERIOR LATEX, 5 MILS MAX DFT - OR - 2 COATS NAVY FORMULA 25A, WATER-BASED FIRE RETARDANT COATING, 5 MILS MAX DFT SEE NOTES (9) & (17)			FOR COMPARTMENT PIPING & VENTILATION SEE NOTE (18)
	94	SAME AS LINE 93	ONE COAT F-150, MIL-DTL-24441, TYPE IV, 4-6 MILS DFT SEE NOTE (1)		2 COATS DOD-E-24607, 3 MILS SEE NOTE (17)			SAME AS LINE 93

TABLE 4 STEEL SURFACES	LINE	A SURFACE PREPARATION	B	C	D	E	F	G TOTAL
POTABLE WATER TANKS	1	NEAR WHITE METAL BLAST, NACE 2/SSPC-SP-10 SEE NOTE (26)	ONE COAT INTERNATIONAL 5747/5748, GREEN, 3-5 MILS	ONE STRIPE COAT INTERNATIONAL 5753/5754, WHITE, 3-5 MILS	ONE COAT INTERNATIONAL 5753/5754, WHITE, 3-5 MILS			TOTAL SYSTEM 8 MILS MIN, 10 MILS MAX SEE NOTE (37)
	2	SAME AS LINE ONE	ONE COAT SHERWIN WILLIAMS TANKGUARD N11G100/N11V100, GREEN, 3-5 MILS	ONE STRIPE COAT SHERWIN WILLIAMS TANKGUARD N11L100/N11V101, BLUE, 3-5 MILS	ONE COAT SHERWIN WILLIAMS TANKGUARD N11L100/N11V101, BLUE, 3-5 MILS			TOTAL SYSTEM 8 MILS MIN, 10 MILS MAX SEE NOTE (37)
	3	SAME AS LINE ONE	ONE COAT MIL-PRF-23236, TYPE V OR VI, CLASS 9, 3-5 MILS DFT	ONE STRIPE COAT MIL-PRF-23236, TYPE V OR VI, CLASS 9, 3-5 MILS DFT	ONE COAT MIL-PRF-23236, TYPE V OR VI, CLASS 9, 3-5 MILS DFT			TOTAL SYSTEM 8 MILS MIN, 10 MILS MAX SEE NOTE (37)
	4	SAME AS LINE ONE	ONE COAT F-150, MIL-DTL-24441, TYPE III, 2-4 MILS SEE NOTE (1)	ONE STRIPE COAT F-152, MIL-DTL-24441, TYPE III, 2-4 MILS SEE NOTE (1)	ONE COAT F-156, MIL-DTL-24441, TYPE III, 2-4 MILS SEE NOTE (1)	ONE STRIPE COAT F-150, MIL-DTL-24441, TYPE III, 2-4 MILS SEE NOTE (1)	ONE COAT F-152, MIL-DTL-24441, TYPE III, 2-4 MILS SEE NOTE (1)	TOTAL SYSTEM 8 MILS MIN, 12 MILS MAX SEE NOTE (37)
	5	SAME AS LINE ONE	ONE COAT SHERWIN WILLIAMS DURA-PLATE UHS PRIMER, 4-8 MILS SEE NOTE (33)	ONE STRIPE COAT SHERWIN WILLIAMS DURA-PLATE UHS, 6-10 MILS SEE NOTE (33)	ONE COAT SHERWIN WILLIAMS DURA-PLATE UHS, 10-12 MILS SEE NOTE (33)			
FOR REVERSE OSMOSIS POTABLE WATER TANKS ONLY	6	SAME AS LINE ONE	ONE COAT SIGMAGUARD CSF 85, 8-12 MILS DFT	ONE STRIPE COAT SIGMAGUARD CSF 85, 2-4 MILS DFT				
	7	SAME AS LINE ONE	ONE COAT MIL-PRF-23236, TYPE VII, CLASS 9, 8-12 MILS DFT	ONE STRIPE COAT MIL-PRF-23236, TYPE VII, CLASS 9, 2-4 MILS DFT				
FEEDWATER TANKS ONLY	8	SAME AS LINE ONE	ONE COAT F-150, MIL-DTL-24441, TYPE III, 2-4 MILS SEE NOTE (1)	ONE STRIPE COAT F-152, MIL-DTL-24441, TYPE III, 2-4 MILS SEE NOTE (1)	ONE COAT F-151, MIL-DTL-24441, TYPE III, 2-4 MILS SEE NOTE (1)	ONE STRIPE COAT F-150, MIL-DTL-24441, TYPE III, 2-4 MILS SEE NOTE (1)	ONE COAT F-152, MIL-DTL-24441, TYPE III, 2-4 MILS SEE NOTE (1)	TOTAL SYSTEM 8 MILS MIN, 12 MILS MAX
	9	SAME AS LINE ONE	ONE COAT INTERNATIONAL INTERGARD FPJ 034/FPA (GRAY), 4-6 MILS DFT	ONE STRIPE COAT INTERNATIONAL INTERGARD, 4-6 MILS DFT	ONE COAT INTERNATIONAL INTERGARD FPD 052/FPA (WHITE), 4-6 MILS DFT			TOTAL SYSTEM 8 MILS MIN, 12 MILS MAX
	10	SAME AS LINE ONE	ONE COAT MIL-PRF-23236, TYPE VI OR VII, CLASS 11	ONE STRIPE COAT MIL-PRF-23236, TYPE VI OR VII, CLASS 11	ONE COAT MIL-PRF-23236, TYPE VI OR VII, CLASS 11			

TABLE 4 STEEL SURFACES	LINE	A SURFACE PREPARATION	B	C	D	E	F	G TOTAL
JP-5 TANKS, MOGAS TANKS, FUEL OIL SERVICE TANKS, DIESEL SERVICE TANKS, CONTAMINATED FUEL TANKS, FUEL COMP TANKS, FUEL STORAGE TANKS EDGE RETENTIVE-EXTENDED SERVICE LIFE 15-20 YEARS SEE NOTE (35)	11	SAME AS LINE ONE	ONE COAT CREAM SIGMA EDGEGUARD PRIMER (PDS NO. 5427), 4-8 MILS DFT SEE NOTE (33)	ONE STRIPE COAT OFF-WHITE SIGMA EDGEGUARD TOPCOAT (PDS NO. 5428), 6-10 MILS DFT SEE NOTE (33)	ONE COAT WD GRAY SIGMA EDGEGUARD TOPCOAT (PDS NO. 5428), 10-12 MILS DFT SEE NOTE (33)			
	12	SAME AS LINE ONE	ONE COAT BUFF SHERWIN WILLIAMS NOVA-PLATE UHS PRIMER (B62H220/B62V220), 4-8 MILS DFT SEE NOTE (33)	ONE STRIPE COAT GRAY SHERWIN WILLIAMS NOVA-PLATE UHS TOPCOAT (B62A220/B62V220), 6-10 MILS DFT SEE NOTE (33)	ONE COAT WHITE SHERWIN WILLIAMS NOVA-PLATE UHS TOPCOAT (B62W220/B62V220), 10-12 MILS DFT SEE NOTE (33)			
	13	SAME AS LINE ONE	ONE COAT INTERNATIONAL INTERLINE 624 PRIMER (THA626/627), 4-8 MILS DFT SEE NOTE (33)	ONE STRIPE COAT INTERNATIONAL INTERLINE 624 (THA624/627) WHITE, 6-10 MILS DFT SEE NOTE (33)	ONE COAT INTERNATIONAL INTERLINE 624 (THA625/627) GRAY, 10-12 MILS DFT SEE NOTE (33)			
	14	SAME AS LINE ONE	ONE COAT MIL-PRF-23236, TYPE VII, CLASS 5, 4-8 MILS DFT SEE NOTE (33)	ONE STRIPE COAT MIL-PRF-23236, TYPE VII, CLASS 5, 6-10 MILS DFT SEE NOTE (33)	ONE COAT MIL-PRF-23236, TYPE VII, CLASS 5, 10-12 MILS DFT SEE NOTE (33)			
JP-5 TANKS, MOGAS TANKS, FUEL OIL SERVICE TANKS, DIESEL SERVICE TANKS, CONTAMINATED FUEL TANKS, FUEL COMP TANKS, FUEL STORAGE TANKS EDGE RETENTIVE SERVICE LIFE 10-12 YEARS SEE NOTE (35)	15	NEAR WHITE METAL BLAST, NACE 2/SSPC-SP-10	ONE COAT CREAM SIGMA EDGEGUARD PRIMER (PDS NO. 5427), 4-8 MILS DFT SEE NOTE (33)	ONE STRIPE COAT OFF-WHITE SIGMA EDGEGUARD TOPCOAT (PDS NO. 5428), 6-10 MILS DFT SEE NOTE (33)	ONE COAT WD GRAY SIGMA EDGEGUARD TOPCOAT (PDS NO. 5428), 10-12 MILS DFT SEE NOTE (33)			
	16	SAME AS LINE 15	ONE COAT BUFF SHERWIN WILLIAMS NOVA-PLATE UHS PRIMER (B62H220/B62V220), 4-8 MILS DFT SEE NOTE (33)	ONE STRIPE COAT GRAY SHERWIN WILLIAMS NOVA-PLATE UHS TOPCOAT (B62A220/B62V220), 6-10 MILS DFT SEE NOTE (33)	ONE COAT WHITE SHERWIN WILLIAMS NOVA-PLATE UHS TOPCOAT (B62W220/B62V220), 10-12 MILS DFT SEE NOTE (33)			
	17	SAME AS LINE ONE	ONE COAT SHERWIN WILLIAMS DURA-PLATE UHS PRIMER, 4-8 MILS SEE NOTE (33)	ONE STRIPE COAT SHERWIN WILLIAMS DURA-PLATE UHS, 6-10 MILS SEE NOTE (33)	ONE COAT SHERWIN WILLIAMS DURA-PLATE UHS, 10-12 MILS SEE NOTE (33)			

TABLE 4 STEEL SURFACES	LINE	A SURFACE PREPARATION	B	C	D	E	F	G TOTAL
JP-5 TANKS, MOGAS TANKS, FUEL OIL SERVICE TANKS, DIESEL SERVICE TANKS, CONTAMINATED FUEL TANKS, FUEL COMP TANKS, FUEL STORAGE TANKS (CON'T) EDGE RETENTIVE SERVICE LIFE 10-12 YEARS SEE NOTE (35)	18	SAME AS LINE 15	ONE COAT INTERNATIONAL INTERLINE 624 PRIMER (THA626/627), 4-8 MILS DFT SEE NOTE (33)	ONE STRIPE COAT INTERNATIONAL INTERLINE 624 (THA624/627) WHITE, 6-10 MILS DFT SEE NOTE (33)	ONE COAT INTERNATIONAL INTERLINE 624 (THA625/627) GRAY, 10-12 MILS DFT SEE NOTE (33)			
	19	SAME AS LINE 15	SAME AS LINE 14	SAME AS LINE 14	SAME AS LINE 14			
JP-5 TANKS, MOGAS TANKS, FUEL OIL SERVICE TANKS, DIESEL SERVICE TANKS, CONTAMINATED FUEL TANKS, FUEL COMP TANKS, FUEL STORAGE TANKS NORMAL SERVICE LIFE 5-7 YEARS SEE NOTE (35)	20	SAME AS LINE 15	ONE COAT SHERWIN WILLIAMS DURA-PLATE UHS PRIMER, 4-8 MILS SEE NOTE (33)	ONE STRIPE COAT SHERWIN WILLIAMS DURA-PLATE UHS, 6-10 MILS SEE NOTE (33)	ONE COAT SHERWIN WILLIAMS DURA-PLATE UHS, 10-12 MILS SEE NOTE (33)			
CHT/MSD TANKS	21	SAME AS LINE ONE	ONE COAT CREAM SIGMA EDGE GUARD PRIMER (PDS NO. 5427), 4-8 MILS DFT SEE NOTE (33)	ONE STRIPE COAT WD GRAY SIGMA EDGE GUARD TOPCOAT (PDS NO. 5428), 6-10 MILS DFT SEE NOTE (33)	ONE COAT WHITE SIGMA EDGE GUARD TOPCOAT (PDS NO. 5428), 10-12 MILS DFT SEE NOTE (33)			
	22	SAME AS LINE ONE	ONE COAT BUFF SHERWIN WILLIAMS NOVA-PLATE UHS PRIMER (B62H220/B62V220), 4-8 MILS DFT SEE NOTE (33)	ONE STRIPE COAT GRAY SHERWIN WILLIAMS NOVA-PLATE UHS TOPCOAT (B62A220/B62V220), 6-10 MILS DFT SEE NOTE (33)	ONE COAT WHITE SHERWIN WILLIAMS NOVA-PLATE UHS TOPCOAT (B62W220/B62V220), 10-12 MILS DFT SEE NOTE (33)			
	23	SAME AS LINE ONE	ONE COAT INTERNATIONAL INTERLINE 624 PRIMER (THA626/627), 4-8 MILS DFT SEE NOTE (33)	ONE STRIPE COAT INTERNATIONAL INTERLINE 624 (THA624/627) WHITE, 6-10 MILS DFT SEE NOTE (33)	ONE COAT INTERNATIONAL INTERLINE 624 (THA625/627) GRAY, 10-12 MILS DFT SEE NOTE (33)			
	24	SAME AS LINE ONE	ONE COAT MIL-PRF-23236, TYPE VII, CLASS 13, 4-8 MILS DFT SEE NOTE (33)	ONE STRIPE COAT MIL-PRF-23236, TYPE VII, CLASS 13, 6-10 MILS DFT SEE NOTE (33)	ONE COAT MIL-PRF-23236, TYPE VII, CLASS 13, 10-12 MILS DFT SEE NOTE (33)			

TABLE 4 STEEL SURFACES	LINE	A SURFACE PREPARATION	B	C	D	E	F	G TOTAL
BALLAST TANKS, FLOODABLE VOIDS (SUBSTRATE TEMPERATURE 50 DEGREES FAHRENHEIT & ABOVE) EDGE RETENTIVE- EXTENDED SERVICE LIFE 15-20 YEARS SEE NOTE (8)	25	SAME AS LINE ONE	ONE COAT SIGMA MARINE COATINGS SIGMAGUARD BT 5404, AMBER, 4-8 MILS SEE NOTE (33)	ONE STRIPE COAT SIGMA MARINE COATINGS SIGMAGUARD BT 5411-5000, GRAY, 6-10 MILS SEE NOTE (33)	ONE COAT SIGMA MARINE COATINGS SIGMAGUARD BT 5411-S674, AQUA, 10-12 MILS SEE NOTE (33)			
	26	SAME AS LINE ONE	ONE COAT SHERWIN WILLIAMS DURA-PLATE UHS PRIMER, 4-8 MILS SEE NOTE (33)	ONE STRIPE COAT SHERWIN WILLIAMS DURA- PLATE UHS, 6-10 MILS SEE NOTE (33)	ONE COAT SHERWIN WILLIAMS DURA-PLATE UHS, 10-12 MILS SEE NOTE (33)			
	27	SAME AS LINE ONE	ONE PRIMER COAT AMERON AMERCOAT 133, 4-8 MILS SEE NOTE (33)	ONE STRIPE COAT AMERON AMERCOAT 333, 6-10 MILS SEE NOTE (33)	ONE COAT AMERON AMERCOAT 333, 10-12 MILS SEE NOTE (33)			
	28	SAME AS LINE ONE	ONE COAT INTERNATIONAL INTERGARD 143 (THA 141/THA 148) PINK, 4-8 MILS DFT SEE NOTE (33)	ONE STRIPE COAT INTERNATIONAL INTERGARD 143 (THA 143/THA 148) BUFF, 6-10 MILS DFT SEE NOTE (33)	ONE COAT INTERNATIONAL INTERGARD 143 (THA 144/THA 148) GRAY, 10-12 MILS DFT SEE NOTE (33)			
	29	SAME AS LINE ONE	ONE COAT INTERNATIONAL INTERLINE 624 PRIMER (THA626/627), 4-8 MILS DFT SEE NOTE (33)	ONE STRIPE COAT INTERNATIONAL INTERLINE 624 (THA624/627) WHITE, 6-10 MILS DFT SEE NOTE (33)	ONE COAT INTERNATIONAL INTERLINE 624 (THA625/627) GRAY, 10-12 MILS DFT SEE NOTE (33)			
	30	SAME AS LINE ONE	ONE COAT MIL-PRF-23236, TYPE VII, CLASS 5 OR 7, 4-8 MILS DFT SEE NOTE (33)	ONE STRIPE COAT MIL-PRF-23236, TYPE VII, CLASS 5 OR 7, 6-10 MILS DFT SEE NOTE (33)	ONE COAT MIL-PRF-23236, TYPE VII, CLASS 5 OR 7, 10-12 MILS DFT SEE NOTE (33)			

TABLE 4 STEEL SURFACES	LINE	A SURFACE PREPARATION	B	C	D	E	F	G TOTAL
BALLAST TANKS, FLOODABLE VOIDS (SUBSTRATE TEMPERATURE 50 DEGREES FAHRENHEIT & ABOVE) EDGE RETENTIVE SERVICE LIFE 10-12 YEARS SEE NOTE (8)	31	SAME AS LINE 15	ONE COAT SIGMA MARINE COATINGS SIGMAGUARD BT 5404, AMBER, 4-8 MILS SEE NOTE (33)	ONE STRIPE COAT SIGMA MARINE COATINGS SIGMAGUARD BT 5411-5000 GRAY, 6-10 MILS SEE NOTE (33)	ONE COAT SIGMA MARINE COATINGS SIGMAGUARD BT 5411-S674, AQUA, 10-12 MILS SEE NOTE (33)			
	32	SAME AS LINE 15	ONE COAT SHERWIN- WILLIAMS DURA-PLATE UHS PRIMER, 4-8 MILS SEE NOTE (33)	ONE STRIPE COAT SHERWIN WILLIAMS DURA-PLATE UHS, 6-10 MILS SEE NOTE (33)	ONE COAT SHERWIN WILLIAMS DURA-PLATE UHS, 10-12 MILS SEE NOTE (33)			
	33	SAME AS LINE 15	ONE PRIMER COAT AMERON AMERCOAT 133, 4-8 MILS SEE NOTE (33)	ONE STRIPE COAT AMERON AMERCOAT 333, 6-10 MILS SEE NOTE (33)	ONE COAT AMERON AMERCOAT 333, 10-12 MILS SEE NOTE (33)			
	34	SAME AS LINE 15	ONE COAT INTERNATIONAL INTERGARD 143 (THA 141/THA 148) PINK, 4-8 MILS DFT SEE NOTE (33)	ONE STRIPE COAT INTERNATIONAL INTERGARD 143 (THA 143/THA 148) BUFF, 6-10 MILS DFT SEE NOTE (33)	ONE COAT INTERNATIONAL INTERGARD 143 (THA 144/THA 148) GRAY, 10-12 MILS DFT SEE NOTE (33)			
	35	SAME AS LINE 15	ONE COAT INTERNATIONAL INTERLINE 624 PRIMER (THA626/627), 4-8 MILS DFT SEE NOTE (33)	ONE STRIPE COAT INTERNATIONAL INTERLINE 624 (THA624/627) WHITE, 6-10 MILS DFT SEE NOTE (33)	ONE COAT INTERNATIONAL INTERLINE 624 (THA625/627) GRAY, 10-12 MILS DFT SEE NOTE (33)			
	36	SAME AS LINE 15	ONE COAT MIL-PRF-23236, TYPE VII, CLASS 5 OR 7, 4-8 MILS DFT SEE NOTE (33)	ONE STRIPE COAT MIL-PRF-23236, TYPE VII, CLASS 5 OR 7, 6-10 MILS DFT SEE NOTE (33)	ONE COAT MIL-PRF-23236, TYPE VII, CLASS 5 OR 7, 10-12 MILS DFT SEE NOTE (33)			
BALLAST TANKS, FLOODABLE VOIDS (USE ONLY WHEN SUBSTRATE TEMPERATURE CANNOT BE MAINTAINED ABOVE 50 DEGREES FAHRENHEIT) NORMAL 5-7 YEARS SERVICE LIFE	37	SAME AS LINE 15	ONE COAT F-150, MIL-DTL-24441, TYPE IV, 4-6 MILS DFT SEE NOTES (1) & (29)	ONE STRIPE COAT F-151, MIL-DTL-24441, TYPE IV, 4-6 MILS DFT SEE NOTES (1) & (29)	ONE COAT F-152, MIL-DTL-24441, TYPE IV, 4-6 MILS DFT SEE NOTES (1) & (29)			
	38	SAME AS LINE 15	ONE COAT MIL-PRF-23236, GRADE A SEE NOTE (33)	ONE STRIPE COAT MIL-PRF-23236, GRADE A SEE NOTE (33)	ONE COAT MIL-PRF-23236, GRADE A SEE NOTE (33)			

TABLE 4 STEEL SURFACES	LINE	A SURFACE PREPARATION	B	C	D	E	F	G TOTAL
CHAIN LOCKERS	39	NEAR WHITE METAL BLAST, NACE 2/SSPC-SP-10 SEE NOTE (29)	ONE COAT F-150, MIL- DTL-24441, TYPE IV, 4-6 MILS DFT SEE NOTES (1) & (29)	ONE STRIPE COAT F-151, MIL-DTL-24441, TYPE IV, 4-6 MILS DFT SEE NOTES (1) & (29)	ONE COAT F-153 OR F-152, MIL-DTL-24441, TYPE IV, 4-6 MILS DFT SEE NOTES (1) & (29)			
	40	SAME AS LINE 39	ONE COAT MIL-PRF- 23236	ONE STRIPE COAT MIL- PRF-23236	ONE COAT MIL-PRF-23236			
NON-FLOODABLE VOIDS	41	SAME AS LINE 39	ONE COAT INTERNATIONAL INTERGARD 143 (THA 141/THA 148) PINK, 4-8 MILS DFT SEE NOTE (33)	ONE STRIPE COAT INTERNATIONAL INTERGARD 143 (THA 143/THA 148) BUFF, 6-10 MILS DFT SEE NOTE (33)	ONE COAT INTERNATIONAL INTERGARD 143 (THA 144/THA 148) GRAY, 10-12 MILS DFT SEE NOTE (33)			
	42	SAME AS LINE 39	ONE COAT SIGMA MARINE COATINGS SIGMAGUARD BT 5404, AMBER, 4-8 MILS SEE NOTE (33)	ONE STRIPE COAT SIGMA MARINE COATINGS SIGMAGUARD BT 5411-5000, GRAY, 6-10 MILS SEE NOTE (33)	ONE COAT SIGMA MARINE COATINGS SIGMAGUARD BT 5411-S674, AQUA, 10-12 MILS SEE NOTE (33)			
	43	SAME AS LINE 39	ONE COAT SHERWIN WILLIAMS DURA-PLATE UHS PRIMER, 4-8 MILS SEE NOTE (33)	ONE STRIPE COAT SHERWIN WILLIAMS DURA- PLATE UHS, 6-10 MILS SEE NOTE (33)	ONE COAT SHERWIN WILLIAMS DURA-PLATE UHS, 10-12 MILS SEE NOTE (33)			
	44	SAME AS LINE 39	ONE COAT MIL-PRF-23236, TYPE VII, CLASS 5 OR 7, 4-8 MILS DFT SEE NOTE (33)	ONE STRIPE COAT MIL-PRF-23236, TYPE VII, CLASS 5 OR 7, 6-10 MILS DFT SEE NOTE (33)	ONE COAT MIL-PRF-23236, TYPE VII, CLASS 5 OR 7, 10-12 MILS DFT SEE NOTE (33)			
	45	POWER TOOL CLEAN TO BARE METAL, SSPC-SP-11 SEE NOTE (40)	2 COATS F-84, ALKYD ZINC MOLYBDATE, TT-P-645, 3 MILS TOTAL	ONE COAT NO. 27875 (FED STD 595), MIL-PRF-24635, 3 MILS TOTAL				TOTAL SYSTEM 4.5-6 MILS

TABLE 5 VARIOUS LOCATIONS	LINE	A SURFACE PREPARATION	B	C	D	E	F TOTAL SYSTEM	G DESIGNATIONS & MARKINGS
UNHEATED PIPING, FITTINGS, VALVES	1	HANDTOOL CLEAN, SSPC-SP-2 SEE NOTE (40)	ONE COAT F-84, ALKYD ZINC MOLYBDATE, TT-P-645, 1.5 MILS - OR - NILES CHEMICAL PAINT CO. PRODUCT N-6974, ONE MIL TOTAL	ONE COAT F-84, ALKYD ZINC MOLYBDATE, TT-P-645, 1.5 MILS	2 COATS OF BILGE FINISH COAT TO MATCH SURROUNDING SURFACES, INCLUDING LAGGED SURFACES			ONE COAT MIL-PRF-24635, 1.5 MILS, FOR COLOR CODED SYSTEMS
	2	SAME AS LINE ONE	ONE COAT F-150, MIL-DTL-24441, TYPE IV, 4-6 MILS DFT SEE NOTE (1)		SAME AS LINE ONE			
UNHEATED FERROUS MACHINERY EXTERNAL SURFACES	3	POWER TOOL CLEAN, SSPC-SP-3	SAME AS LINE ONE		ONE COAT F-111, MIL-DTL-15090, 1.5 MILS - OR - ONE COAT NO. 26307 (FED STD 595), MIL-PRF-24635, 3 MILS			
MACHINERY, GAGEBOARDS	4	SAME AS LINE 3	SAME AS LINE ONE	2 COATS F-111, MIL-DTL-15090, 3 MILS TOTAL - OR - ONE COAT NO. 26307 (FED STD 595), MIL-PRF-24635, 3 MILS TOTAL				
UNINSULATED SIDE OF BULKHEAD OR SHELL ADJACENT TO SEA OR AC BOUNDARY	5	POWER TOOL CLEAN TO BARE METAL, SSPC-SP-11	ONE COAT F-150, MIL-DTL-24441, TYPE IV, 4-6 MILS DFT SEE NOTES (1) & (29)	ONE COAT F-151, MIL-DTL-24441, TYPE IV, 4-6 MILS DFT SEE NOTES (1) & (29)	FORMULA 126, DOD-E-24607, 5 MILS DFT AS BINDER SEE NOTE (36)	VERMICULITE, ASTM C516 TYPE I, GRADE 4, SPRAYED SEE NOTE (36)	FORMULA 124, DOD-E-24607, 2-4 MILS DFT	
	6	SAME AS LINE 5	ONE COAT TEMP-COAT 101, 20-22 MILS	ONE COAT TEMP-COAT 101, 20-22 MILS	ONE COAT TEMP-COAT 101, 20-22 MILS			
	7	SAME AS LINE 5	ONE COAT HEMPEL HEMPADUR 45150-50630, 5 MILS	ONE COAT HEMPEL ANTI-CONDENS 617US-10000, 50-60 MILS				

TABLE 5 VARIOUS LOCATIONS	LINE	A SURFACE PREPARATION	B	C	D	E	F TOTAL SYSTEM	G DESIGNATIONS & MARKINGS
BOILERS & ECONOMIZERS (EXCEPT PARTS USED FOR HEAT TRANSFER), MACHINERY CASINGS, FERROUS SHEET METAL & PIPING SURFACES	8	SAME AS LINE 5	ONE COAT AMERON AMERCOAT 892HS, 2-3 MILS DFT SEE NOTE (39)					
	9	SAME AS LINE 5	2 COATS OF TT-P-28 SUFFICIENT TO COVER THE PROFILE					
ELECTRICAL EQUIPMENT, ELECTRONIC EQUIPMENT & CABLES	10	SAME AS LINE ONE	ONE COAT F-84, TT-P-645, ALKYD ZINC MOLYBDATE, 1.5 MILS	2 COATS F-111, MIL-DTL-15090, 3 MILS TOTAL - OR - ONE COAT NO. 26307 FED STD 595), MIL-PRF-24635, 3 MILS TOTAL				
CABLE, INTERIOR (OTHER THAN PVC, LOW SMOKE)	11	SAME AS LINE ONE	2 COATS FORMULA 84, TT-P-645, ALKYD ZINC MOLYBDATE, 3 MILS	2 COATS F-25A OR 2 COATS WATER-BASED LATEX PER MIL-PRF-24596, 5 MILS MAX DFT	2 COATS DOD-E-24607 CHLORINATED ALKYD, 3 MILS TOTAL (FOR COLOR MATCH IF REQUIRED)			
CABLE, EXTERIOR (OTHER THAN PVC, LOW SMOKE)	12	SAME AS LINE ONE	SAME AS LINE 10	ONE COAT MIL-PRF-24635 (LOW SOLAR ABSORPTION ONLY) TO MATCH SURROUNDING AREA, 3 MILS				
ELECTRICAL/ELECTRO NIC CABLES (PVC, LOW SMOKE)	13	SAME AS LINE ONE	2 COATS MIL-PRF-24596, WATER-BASED LATEX, 5 MILS MAX DFT - OR - 2 COATS OF FORMULA 25A, 5 MILS MAX DFT		2 COATS OF DOD-E-24607, 3 MILS TOTAL (FOR COLOR MATCH IF REQUIRED)			
ANCHOR (SURFACE SHIP BOW ANCHORS) FOR ANCHORS BELOW LOWER BOOTTOPPING LIMIT, SEE NOTE (13)	14	NEAR WHITE METAL BLAST, NACE 2/SSPC-SP-10 SEE NOTES (14), (21), & (29)	ONE COAT F-150, MIL-DTL-24441, TYPE IV, 4-6 MILS DFT - OR - ONE COAT MIL-PRF-23236, 3-5 MILS DFT SEE NOTES (1) & (29)	ONE COAT F-151, MIL-DTL-24441, TYPE IV, 4-6 MILS DFT - OR - ONE COAT MIL-PRF-23236, 3-5 MILS DFT SEE NOTES (1) & (29)	ONE COAT HAZE GRAY, NO. 26270 (FED STD 595), MIL-PRF-24635 (LOW SOLAR ABSORPTION ONLY), 3 MILS TOTAL		7 MILS MIN, 11 MILS MAX	
ANCHOR CHAIN	15	COMMERCIAL BLAST CLEAN, SSPC-SP-6 SEE NOTES (14), (16), & (21)	ONE COAT AMERON PSX 700 TO HOLD BLAST, 1-2 MILS	ONE COAT AMERON PSX 700, 4-5 MILS	ONE COAT AMERON PSX 700, 4-5 MILS		10 MILS MIN, 12 MILS MAX	AMERON PSX 700 SEE NOTE (15)

TABLE 5 VARIOUS LOCATIONS	LINE	A SURFACE PREPARATION	B	C	D	E	F TOTAL SYSTEM	G DESIGNATIONS & MARKINGS
GALVANIZED SURFACES	16	BRUSH-OFF BLAST, SSPC-SP-7 - OR - POWER TOOL CLEAN, SSPC-SP-3 SEE NOTE (29)	ONE COAT F-150, MIL-DTL-24441, TYPE IV, 4-6 MILS DFT SEE NOTES (1) & (29)		ONE COAT F-152, F-153, OR F-156, MIL-DTL-24441, TYPE IV, 4-6 MILS DFT SEE NOTES (1) & (29)		8 MILS MIN, 12 MILS MAX	
EXHAUST PIPE EXTERIOR	17	NEAR WHITE METAL BLAST, NACE 2/SSPC-SP-10	ONE COAT AMERCOAT 892HS, HAZE GRAY #26270, 2-3 MILS DFT SEE NOTES (39) & (42)				NOT TO EXCEED 5 MILS DFT	
PCMS (REPAIRS)	18	STRIP PAINT, USING "PEEL-AWAY-7" - OR - PLASTIC MEDIA BLASTER - OR - SODIUM BICARBONATE MEDIA BLASTER SEE REPAIR & INSTALLATION METHODS, RIM 05T1-99			ONE COAT HAZE GRAY, MIL-PRF-24763 (LOW SOLAR ABSORPTION ONLY), 3-5 MILS DFT (TOP COAT OF PCMS) SEE NOTE (45)			
PCMS (NEW INSTALLATION)	19	NEAR WHITE METAL BLAST, NACE 2/SSPC-SP-10 - OR - POWER TOOL CLEAN TO BARE METAL, SSPC-SP-11	ONE COAT F-150, MIL-DTL-24441, TYPE IV, 4-6 MILS DFT SEE NOTES (1) & (29)	ONE COAT F-151, MIL-DTL-24441, TYPE IV, 4-6 MILS DFT SEE NOTES (1) & (29)	SAME AS LINE 18			
INTERIOR DECK PASSAGEWAYS NOT RECEIVING DECK COVERINGS SEE NOTE (12)	20	NEAR WHITE METAL BLAST, NACE 2/SSPC-SP-10 - OR - POWER TOOL CLEAN TO BARE METAL, SSPC-SP-11	ONE COAT AMERON AMERCOAT 238, 10 MILS	ONE COAT AMERON AMERCOAT 238, 10 MILS				
	21	SAME AS LINE 20	ONE COAT SIGMAGUARD CSF GLASS FLAKE 7954, 10 MILS	ONE COAT SIGMAGUARD CSF GLASS FLAKE 7954, 10 MILS				
	22	SAME AS LINE 20	ONE COAT MIL-PRF-23236, TYPE VI OR VII, CLASS 16, 10 MILS DFT	ONE COAT MIL-PRF-23236, TYPE VI OR VII, CLASS 16, 10 MILS DFT				